

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040634.D
 Acq On : 15 Aug 2023 13:38
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Aug 16 04:49:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.192	49	887332	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2406326	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2081195	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1689735	10.209	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	3816	0.020	ppbv	90
3) Chlorodifluoromethane	2.665	51	5651	0.039	ppbv	92
4) Chloromethane	2.803	50	2299	0.040	ppbv	90
5) Vinyl Chloride	2.909	62	1479	0.025	ppbv #	52
6) Bromomethane	3.115	94	979	0.031	ppbv #	77
7) Chloroethane	3.189	64	983	0.045	ppbv #	39
8) Dichlorotetrafluoroethane	2.848	85	5973	0.039	ppbv	96
9) Propene	2.996	41	185	0.004	ppbv	99
10) Heptane	7.587	43	357	0.003	ppbv #	25
11) Trichlorofluoromethane	3.562	101	2865	0.019	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.063	101	4214	0.037	ppbv #	76
13) Ethanol	3.253	45	267	0.025	ppbv #	1
14) Bromoethene	3.365	108	361	0.008	ppbv #	1
15) Acetone	3.491	43	8892	0.082	ppbv #	61
16) 1,3-Butadiene	2.983	39	416	0.008	ppbv #	1
17) tert-Butyl alcohol	3.886	59	70	0.001	ppbv #	72
18) 1,1-Dichloroethene	3.880	96	538	0.010	ppbv #	23
19) Isopropyl Alcohol	3.574	45	125	0.002	ppbv #	93
20) Methylene Chloride	3.935	84	14224	0.268	ppbv #	78
21) Allyl Chloride	3.989	41	1967	0.027	ppbv #	20
22) trans-1,2-Dichloroethene	4.446	96	2283	0.045	ppbv #	61
23) Vinyl Acetate	4.626	43	702	0.006	ppbv #	1
24) 1,1-Dichloroethane	4.562	63	842	0.008	ppbv #	90
25) Ethyl Acetate	5.205	43	2350	0.012	ppbv #	74
26) Hexane	5.211	57	6018	0.061	ppbv #	55
27) Carbon Disulfide	4.118	76	1444	0.012	ppbv #	65
28) Methyl tert-Butyl Ether	4.574	73	31	0.000	ppbv #	52
29) Chloroform	5.275	83	5405	0.035	ppbv #	63
30) Cyclohexane	6.603	84	521	0.007	ppbv #	1
31) cis-1,2-Dichloroethene	5.082	61	1963	0.022	ppbv #	35
32) 1,1,1-Trichloroethane	6.002	97	2083	0.014	ppbv #	1
34) 2-Butanone	4.790	43	179	0.001	ppbv #	51
35) Carbon Tetrachloride	6.497	117	1617	0.011	ppbv #	95
36) Benzene	6.378	78	673	0.004	ppbv #	1
37) 1,2-Dichloroethane	5.806	62	2903	0.025	ppbv #	82
38) Trichloroethene	7.288	130	939	0.013	ppbv #	59
39) 1,2-Dichloropropane	6.655	63	634010	8.705	ppbv #	26
40) 1,4-Dioxane	7.346	88	73	0.003	ppbv #	1
41) Tetrahydrofuran	5.552	42	73	0.001	ppbv #	33
42) Bromodichloromethane	7.240	83	1116	0.007	ppbv	87
43) Methyl Methacrylate	7.484	69	391	0.005	ppbv #	5
44) 2,2,4-Trimethylpentane	7.323	57	1908	0.006	ppbv #	1
45) t-1,3-Dichloropropene	8.722	75	87	0.002	ppbv #	43

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

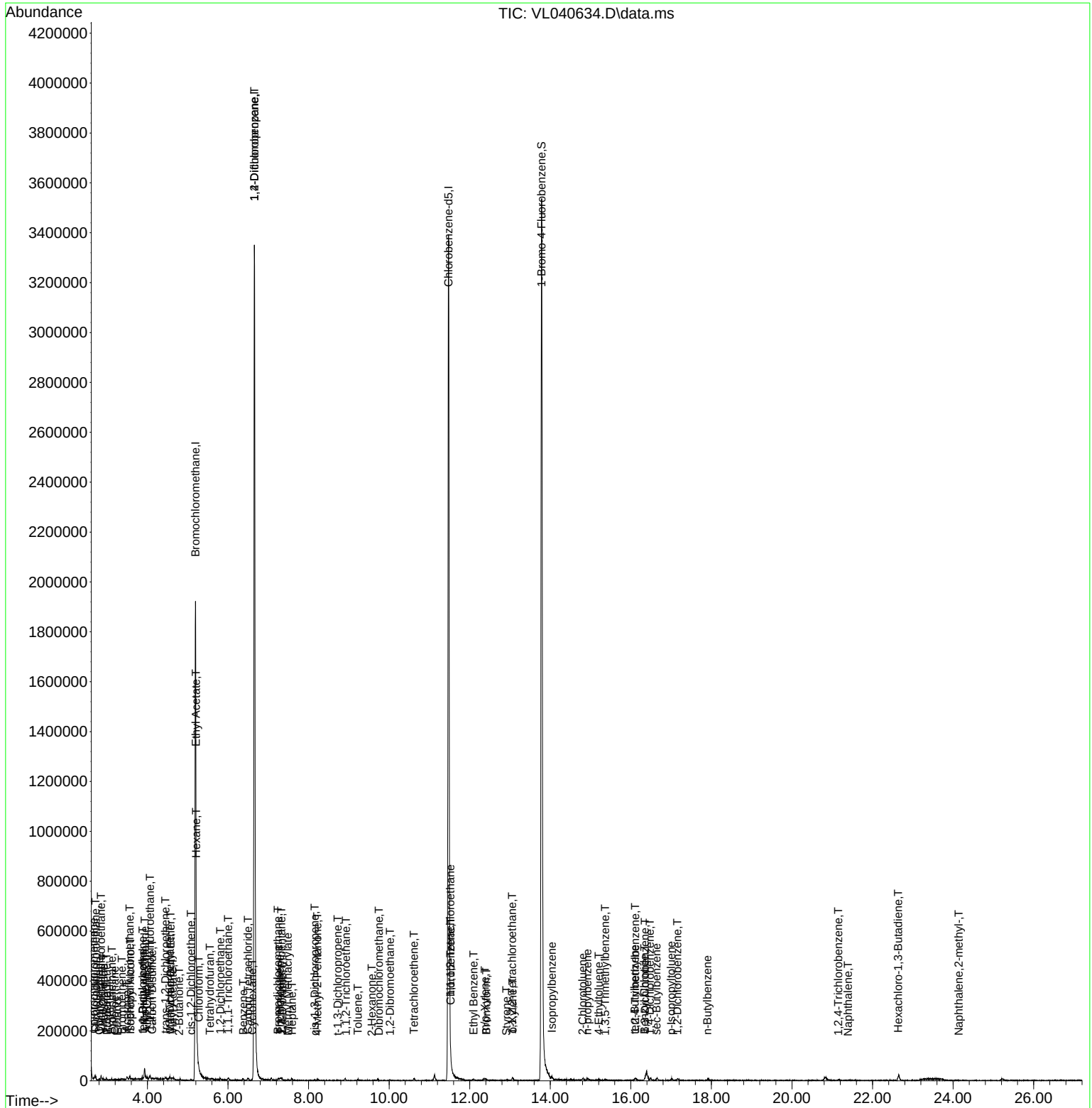
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

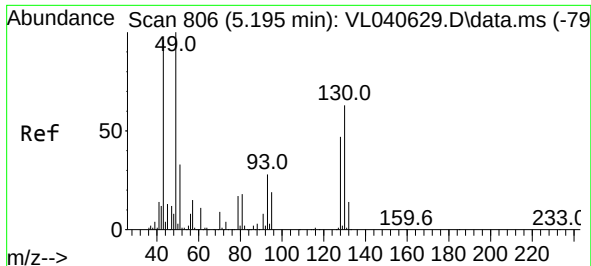
Quant Time: Aug 16 04:49:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	704	0.010	ppbv #	52
47) 1,1,2-Trichloroethane	8.928	97	521	0.006	ppbv	89
48) Dibromochloromethane	9.745	129	153	0.001	ppbv	88
49) Bromoform	12.410	173	723	0.007	ppbv #	1
50) 4-Methyl-2-Pentanone	8.217	43	1771	0.010	ppbv #	38
51) 2-Hexanone	9.568	43	172	0.001	ppbv #	61
52) Tetrachloroethene	10.619	164	753	0.013	ppbv #	24
53) Toluene	9.224	91	783	0.004	ppbv #	21
54) 1,2-Dibromoethane	10.021	107	332	0.003	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.519	131	1083	0.011	ppbv #	1
57) Chlorobenzene	11.526	112	3311	0.021	ppbv #	89
58) Ethyl Benzene	12.095	91	1779	0.007	ppbv #	1
59) m/p-Xylene	12.378	91	2007	0.009	ppbv #	32
60) o-Xylene	13.063	91	603	0.003	ppbv #	31
61) Styrene	12.912	104	185	0.002	ppbv #	28
62) Isopropylbenzene	14.037	105	1780	0.005	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.053	83	1395	0.008	ppbv #	21
64) n-propylbenzene	14.921	120	369	0.004	ppbv #	1
65) tert-Butylbenzene	16.095	119	1005	0.004	ppbv #	1
66) Benzyl Chloride	16.339	91	183	0.005	ppbv #	66
67) sec-Butylbenzene	16.635	105	1538	0.004	ppbv #	60
69) p-Isopropyltoluene	16.998	119	569	0.002	ppbv #	1
70) n-Butylbenzene	17.899	91	789	0.002	ppbv #	1
71) 2-Chlorotoluene	14.806	91	821	0.003	ppbv #	1
72) 4-Ethyltoluene	15.204	105	1359	0.006	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.362	105	847	0.004	ppbv #	66
74) 1,2,4-Trimethylbenzene	16.108	105	522	0.002	ppbv #	27
75) 1,3-Dichlorobenzene	16.349	146	1890	0.013	ppbv #	51
76) 1,4-Dichlorobenzene	16.471	146	451	0.003	ppbv #	23
77) 1,2-Dichlorobenzene	17.153	146	1381	0.010	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.638	225	1106	0.010	ppbv #	1
79) Naphthalene	21.387	128	97	0.001	ppbv #	25
80) Naphthalene,2-methyl-	24.143	142	30	0.001	ppbv #	18
81) 1,2,4-Trichlorobenzene	21.149	180	240	0.002	ppbv #	11

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Aug 16 04:49:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Aug 16 04:44:10 2023
Response via : Initial Calibration

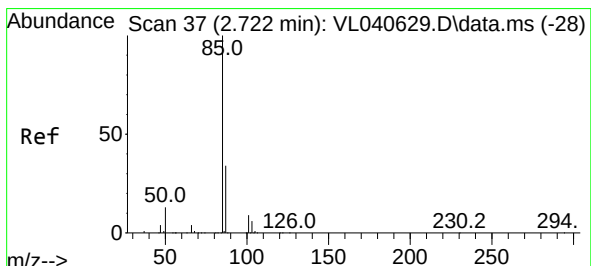
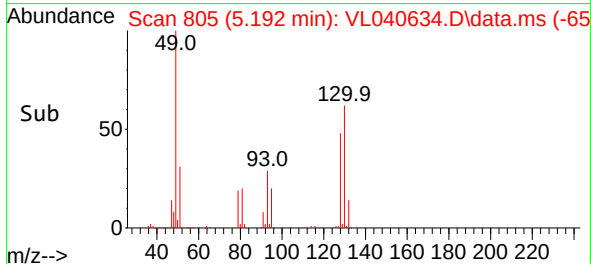
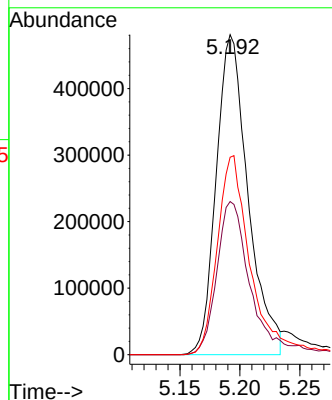
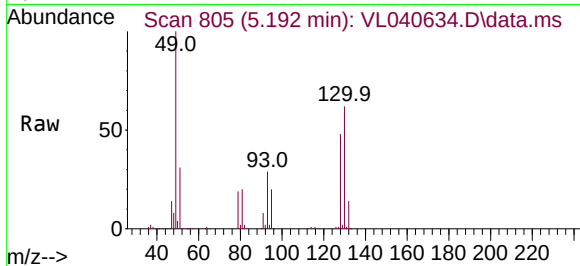




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

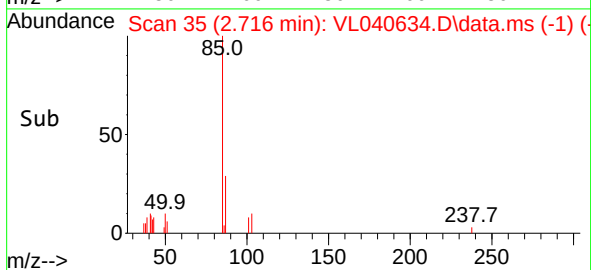
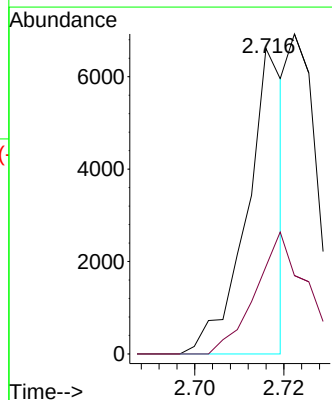
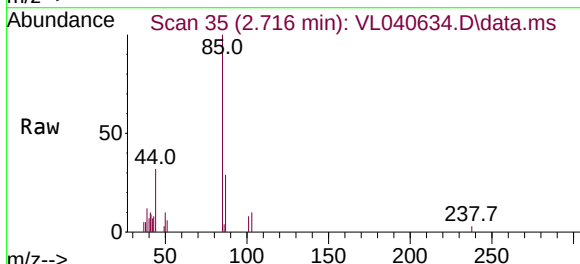
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

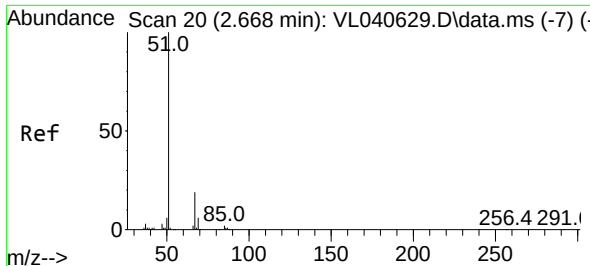
Tgt Ion: 49 Resp: 887332
Ion Ratio Lower Upper
49 100
128 53.0 24.9 74.7
130 65.3 32.2 96.6



#2
Dichlorodifluoromethane
Concen: 0.020 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.006 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 85 Resp: 3816
Ion Ratio Lower Upper
85 100
87 28.6 27.5 41.3

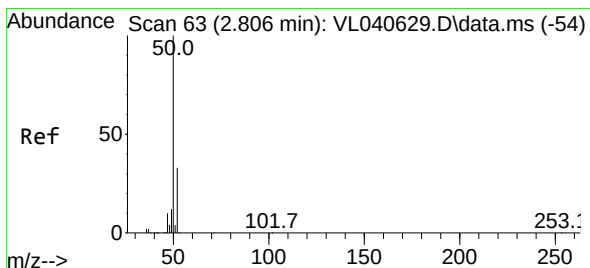
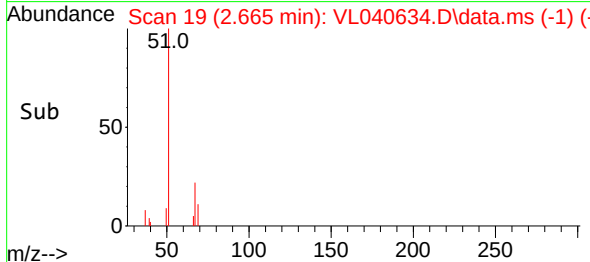
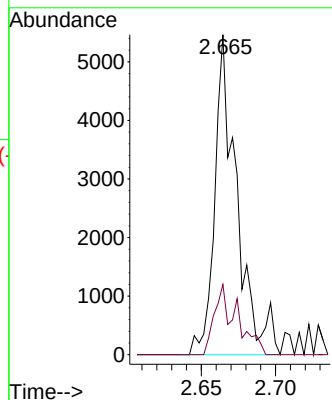
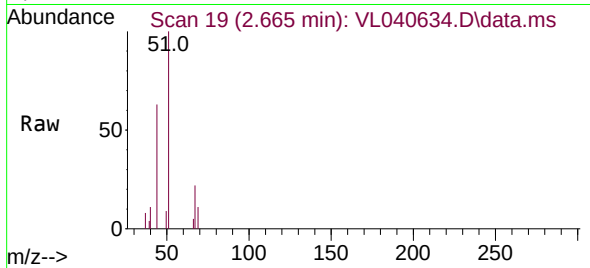




#3
Chlorodifluoromethane
Concen: 0.039 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

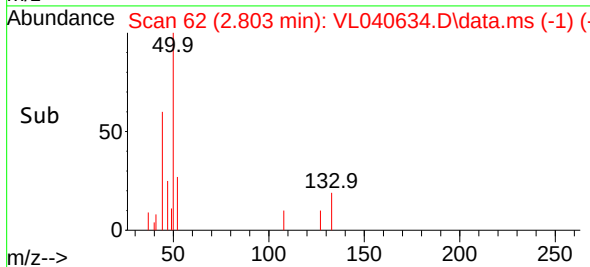
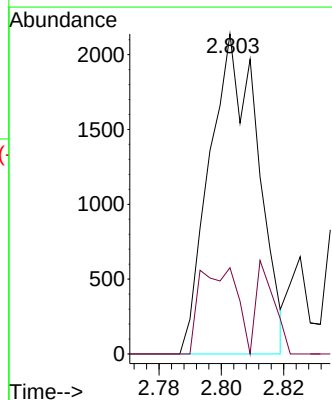
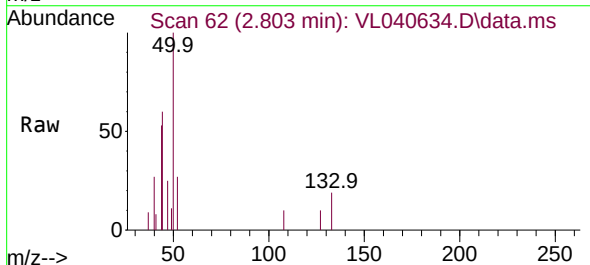
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

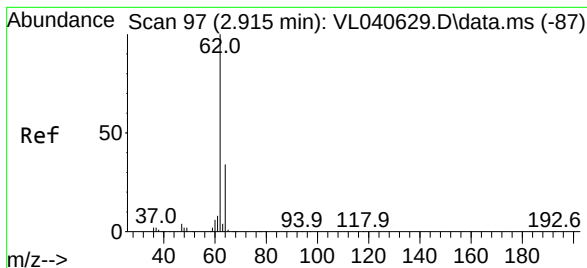
Tgt Ion: 51 Resp: 5651
Ion Ratio Lower Upper
51 100
67 22.5 15.0 22.6



#4
Chloromethane
Concen: 0.040 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 50 Resp: 2299
Ion Ratio Lower Upper
50 100
52 26.9 26.2 39.2

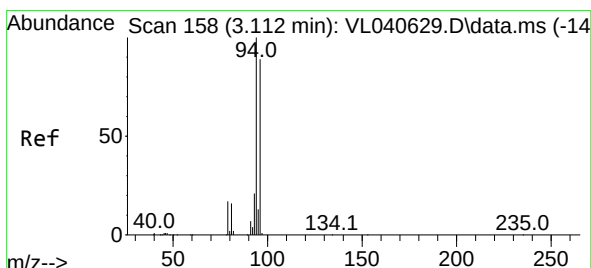
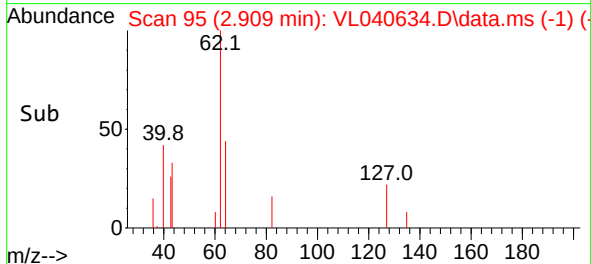
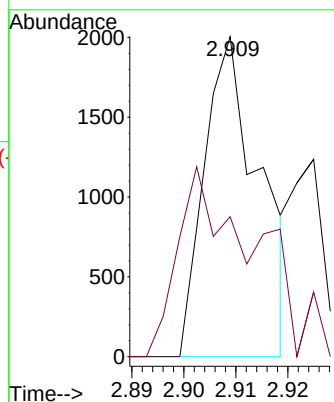
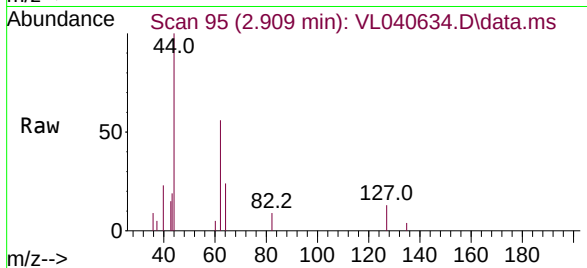




#5
 Vinyl Chloride
 Concen: 0.025 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

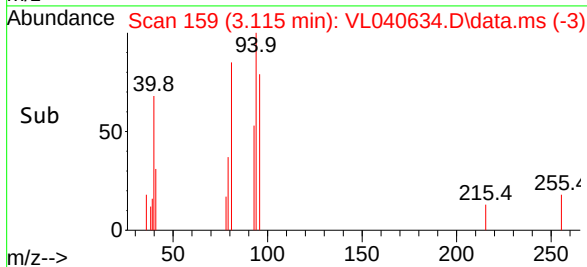
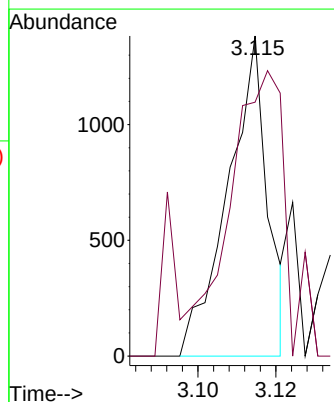
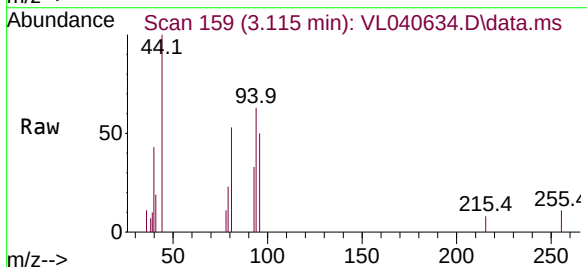
Instrument :
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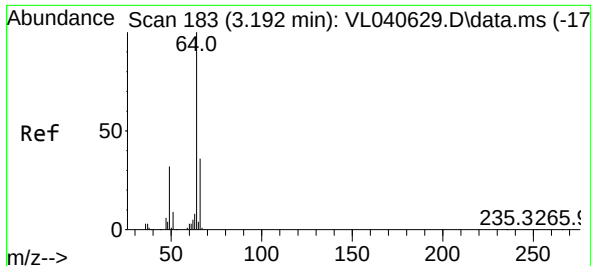
Tgt Ion: 62 Resp: 1479
 Ion Ratio Lower Upper
 62 100
 64 6.2 27.0 40.6#



#6
 Bromomethane
 Concen: 0.031 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

Tgt Ion: 94 Resp: 979
 Ion Ratio Lower Upper
 94 100
 96 68.0 71.5 107.3#

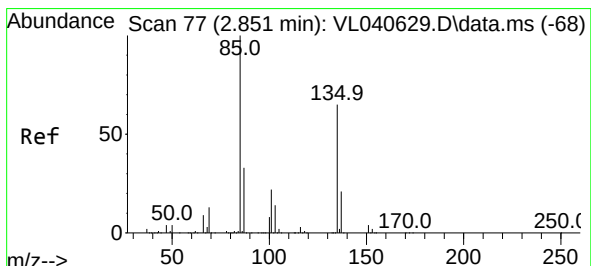
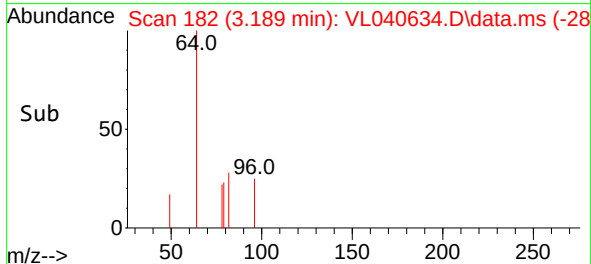
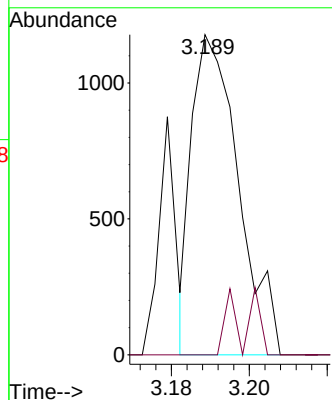
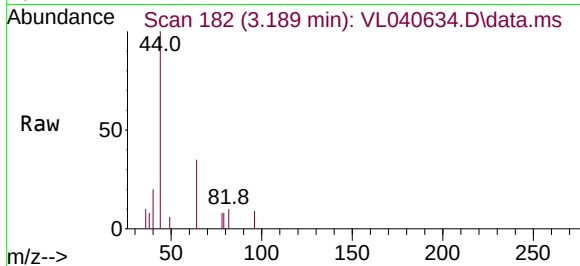




#7
Chloroethane
Concen: 0.045 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

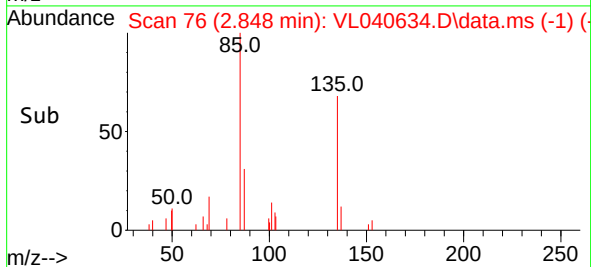
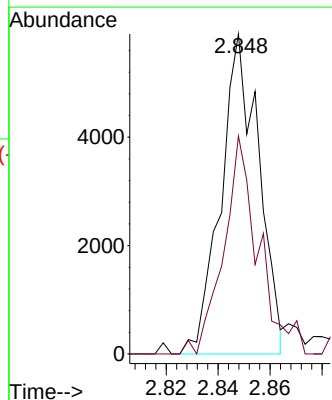
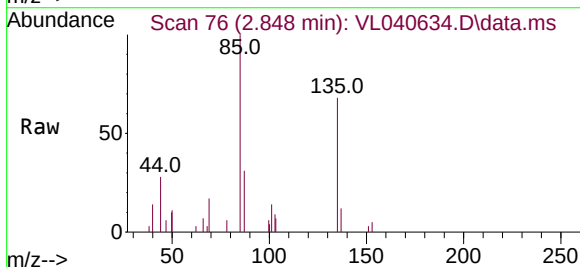
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 64 Resp: 983
Ion Ratio Lower Upper
64 100
66 0.0 28.7 43.1#

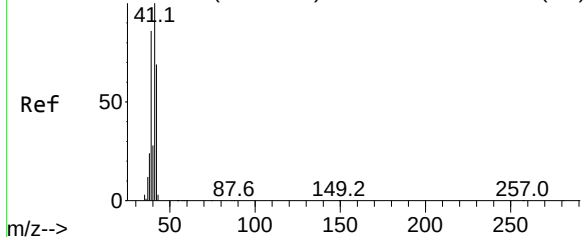


#8
Dichlorotetrafluoroethane
Concen: 0.039 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 85 Resp: 5973
Ion Ratio Lower Upper
85 100
135 62.8 52.8 79.2



Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



#9

Propene

Concen: 0.004 ppbv

RT: 2.996 min Scan# 11

Delta R.T. 0.309 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

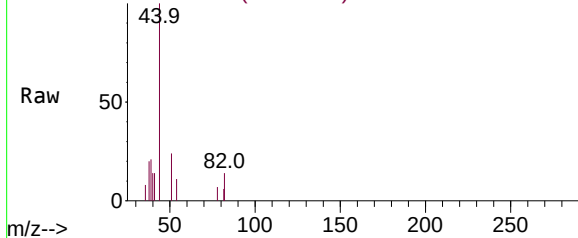
Tgt Ion: 41 Resp: 185

Ion Ratio Lower Upper

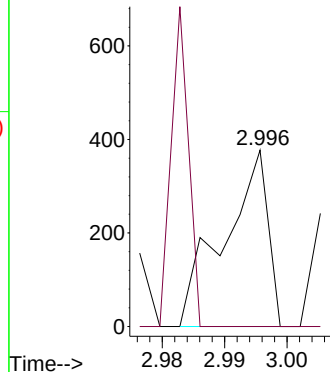
41 100

42 71.4 56.5 84.7

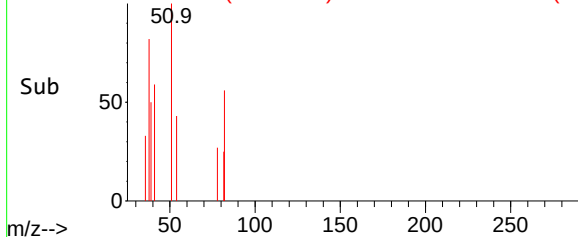
Abundance Scan 122 (2.996 min): VL040634.D\data.ms



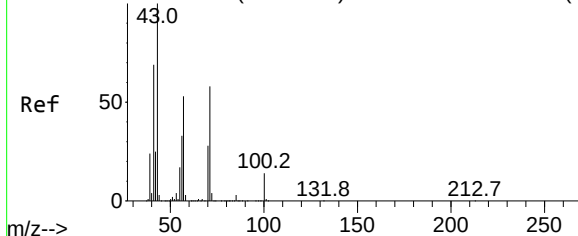
Abundance



Abundance Scan 122 (2.996 min): VL040634.D\data.ms (-1)



Abundance Scan 1551 (7.590 min): VL040629.D\data.ms (-1)



#10

Heptane

Concen: 0.003 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. -0.003 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

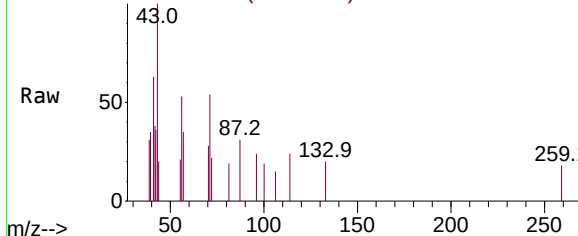
Tgt Ion: 43 Resp: 357

Ion Ratio Lower Upper

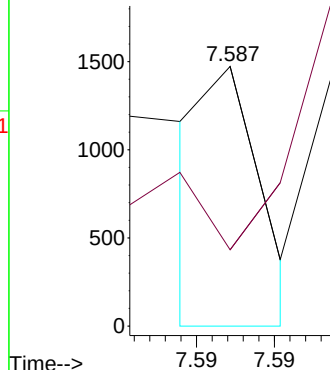
43 100

57 0.0 42.5 63.7#

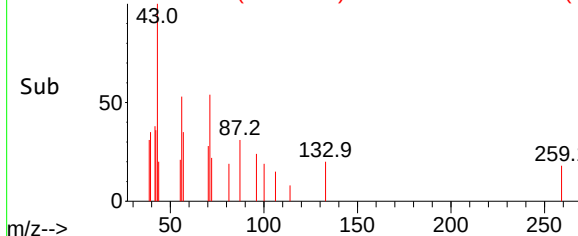
Abundance Scan 1550 (7.587 min): VL040634.D\data.ms

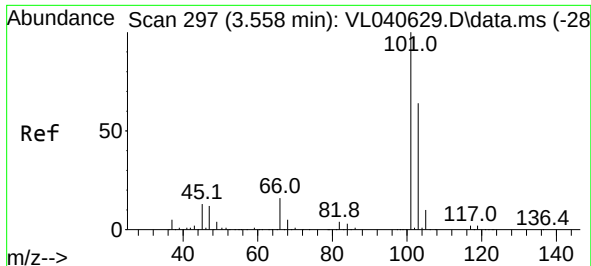


Abundance



Abundance Scan 1550 (7.587 min): VL040634.D\data.ms (-1)

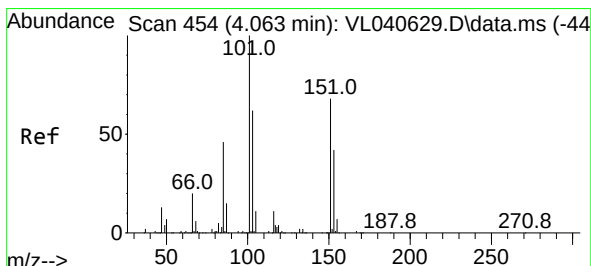
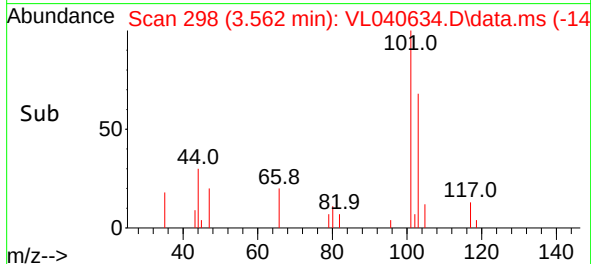
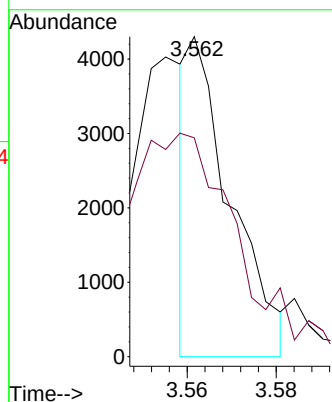
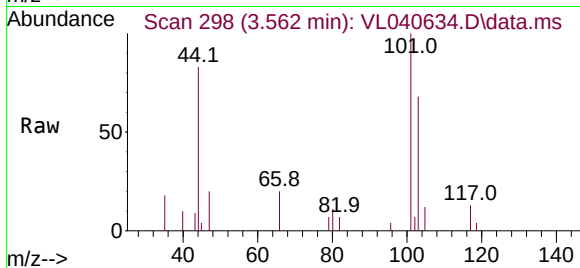




#11
 Trichlorofluoromethane
 Concen: 0.019 ppbv
 RT: 3.562 min Scan# 297
 Delta R.T. 0.003 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

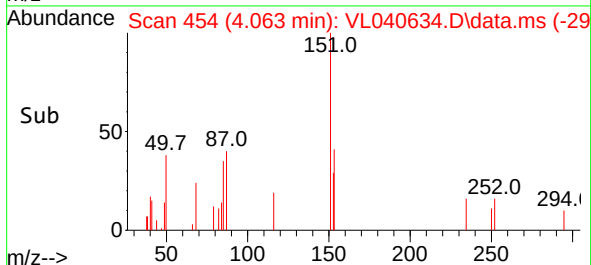
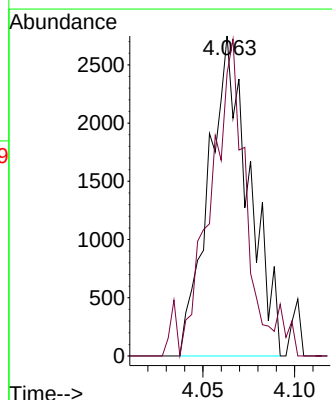
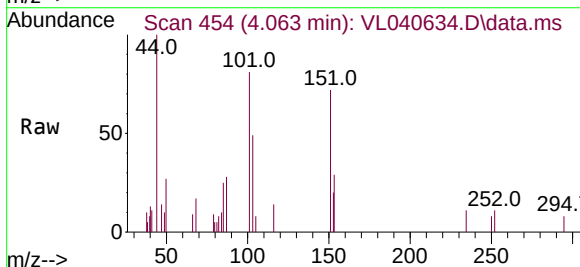
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

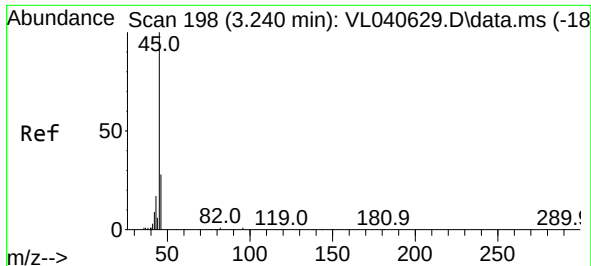
Tgt Ion:101 Resp: 2865
 Ion Ratio Lower Upper
 101 100
 103 54.5 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.037 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.000 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

Tgt Ion:101 Resp: 4214
 Ion Ratio Lower Upper
 101 100
 151 89.9 56.2 84.2#

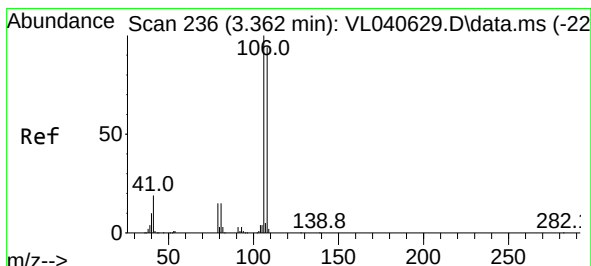
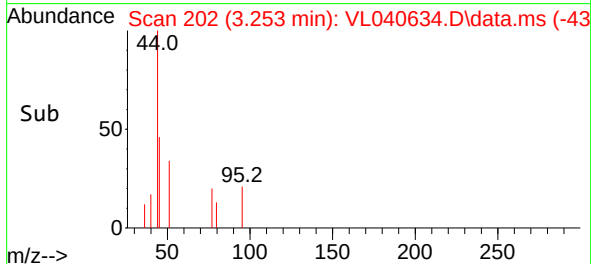
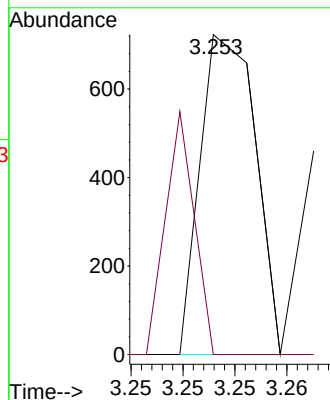
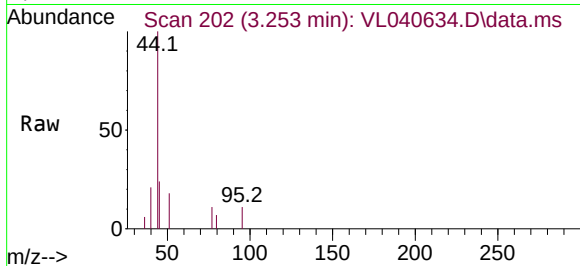




#13
 Ethanol
 Concen: 0.025 ppbv
 RT: 3.253 min Scan# 20
 Delta R.T. 0.013 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

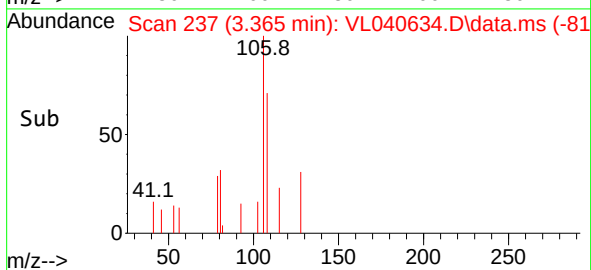
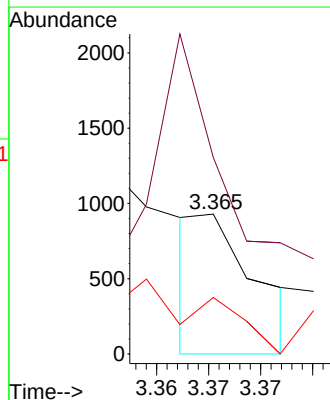
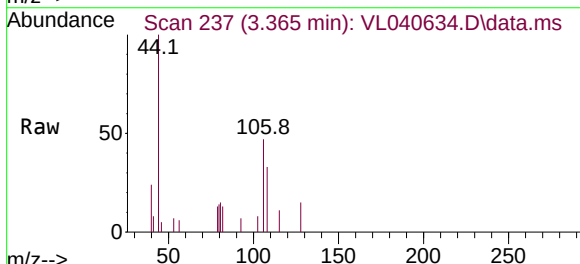
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

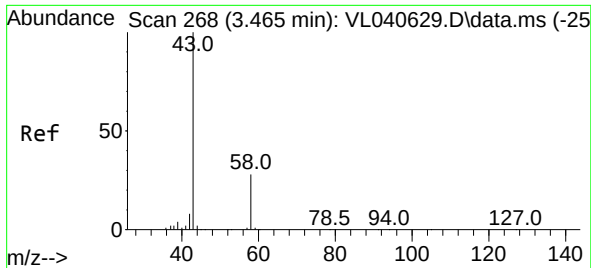
Tgt Ion: 45 Resp: 267
 Ion Ratio Lower Upper
 45 100
 46 137.1 14.2 56.6#



#14
 Bromoethene
 Concen: 0.008 ppbv
 RT: 3.365 min Scan# 237
 Delta R.T. 0.003 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

Tgt Ion: 108 Resp: 361
 Ion Ratio Lower Upper
 108 100
 106 541.6 87.3 130.9#
 79 114.7 14.4 21.6#





#15

Acetone

Concen: 0.082 ppbv

RT: 3.491 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

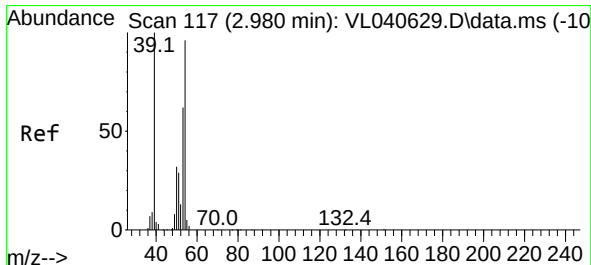
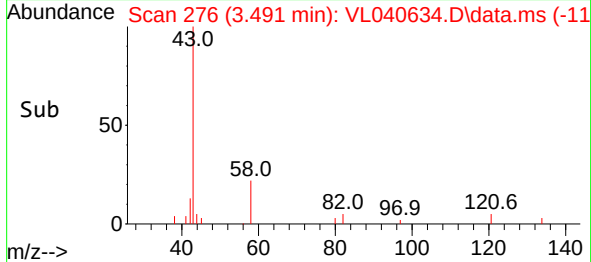
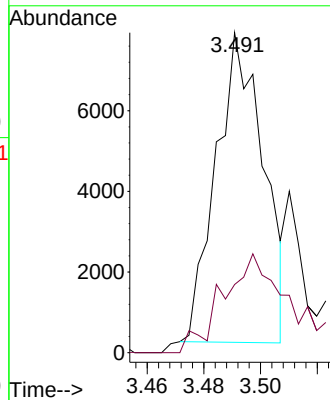
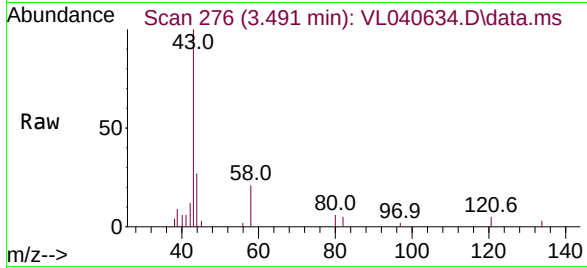
VSTDIC0.03

Tgt Ion: 43 Resp: 8892

Ion Ratio Lower Upper

43 100

58 48.8 22.4 33.6#



#16

1,3-Butadiene

Concen: 0.008 ppbv

RT: 2.983 min Scan# 118

Delta R.T. 0.003 min

Lab File: VL040634.D

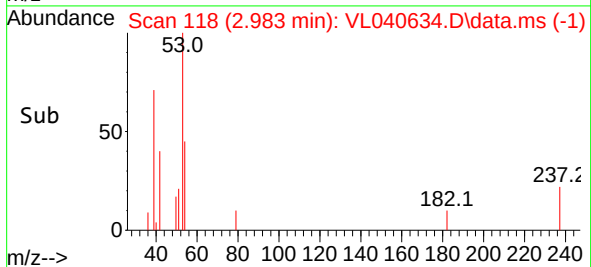
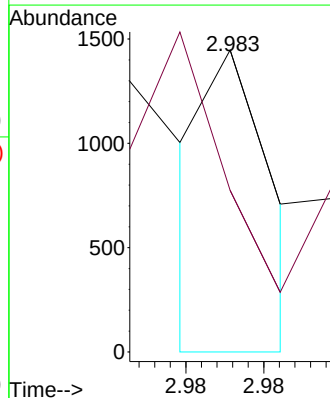
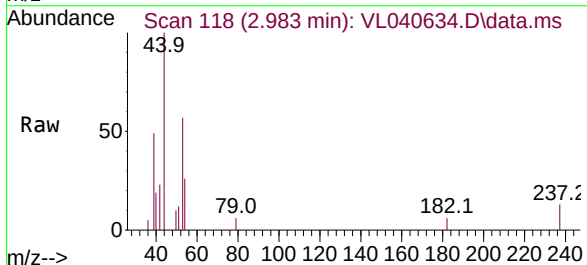
Acq: 15 Aug 2023 13:38

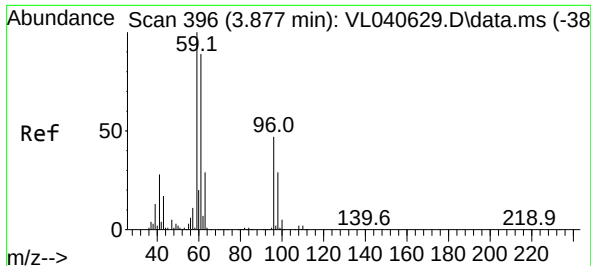
Tgt Ion: 39 Resp: 416

Ion Ratio Lower Upper

39 100

54 357.2 66.6 99.8#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.886 min Scan# 396

Delta R.T. 0.010 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

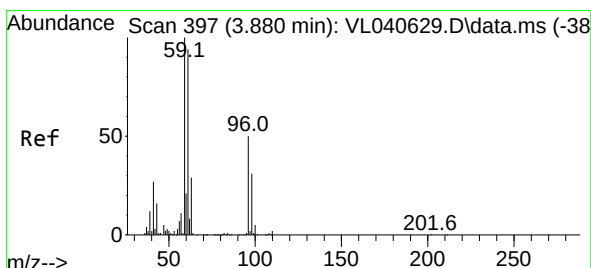
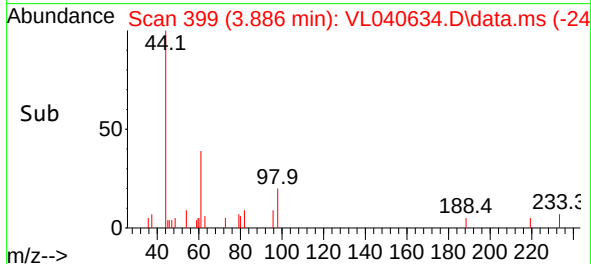
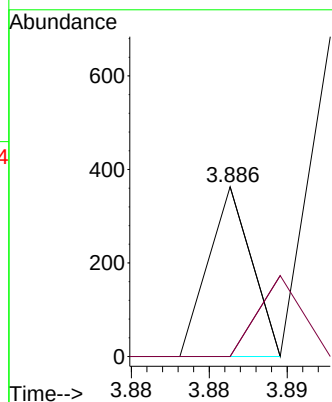
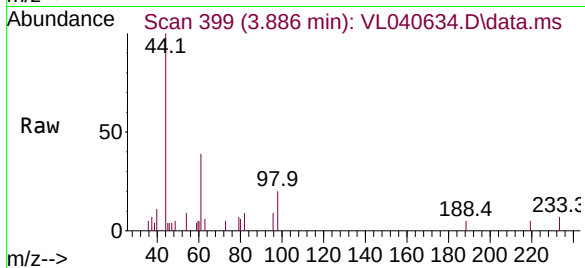
VSTDIC0.03

Tgt Ion: 59 Resp: 70

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.010 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.000 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

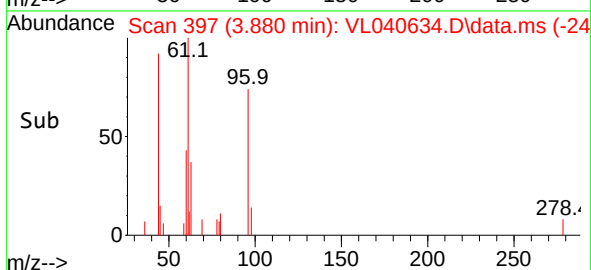
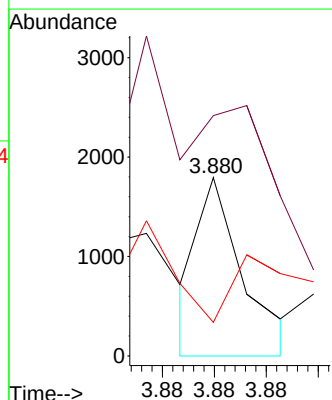
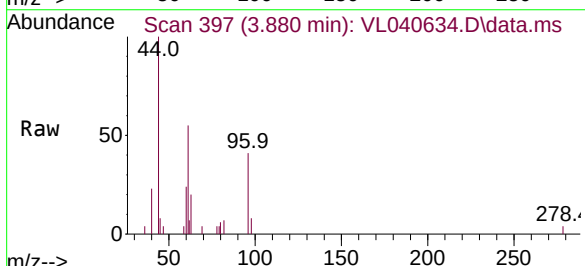
Tgt Ion: 96 Resp: 538

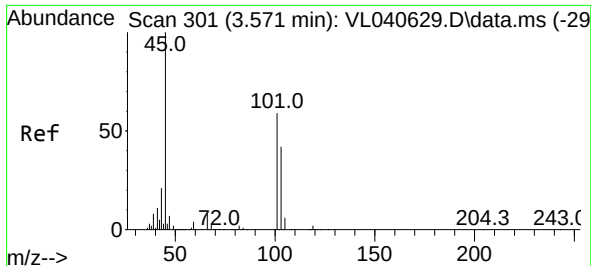
Ion Ratio Lower Upper

96 100

61 77.7 150.4 225.6#

98 0.0 49.7 74.5#





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.574 min Scan# 301

Delta R.T. 0.003 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

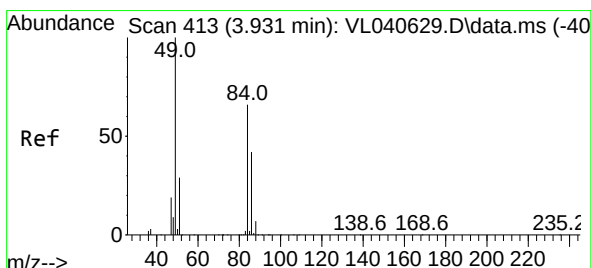
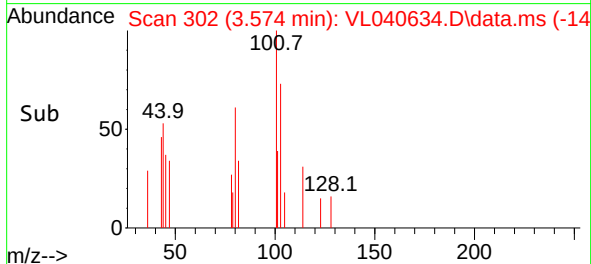
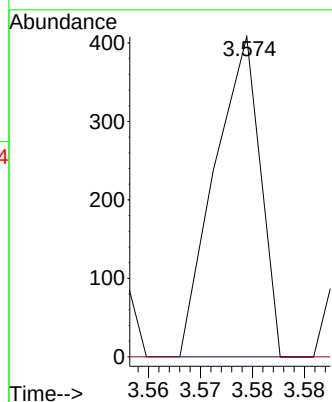
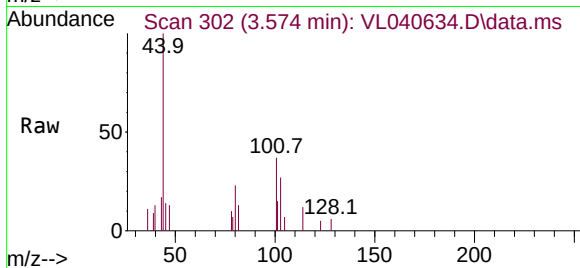
VSTDIC0.03

Tgt Ion: 45 Resp: 125

Ion Ratio Lower Upper

45 100

58 0.0 1.9 2.9#



#20

Methylene Chloride

Concen: 0.268 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Tgt Ion: 84 Resp: 14224

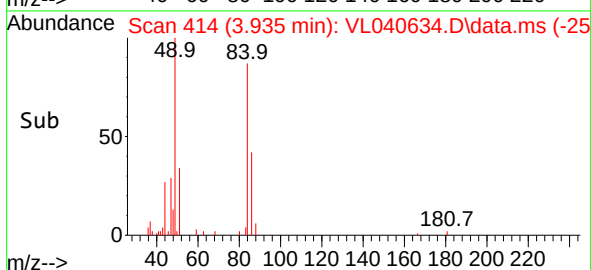
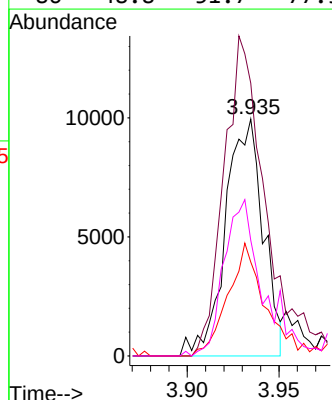
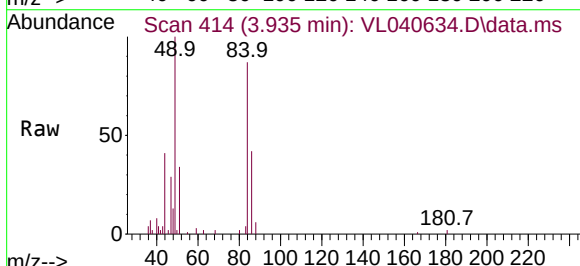
Ion Ratio Lower Upper

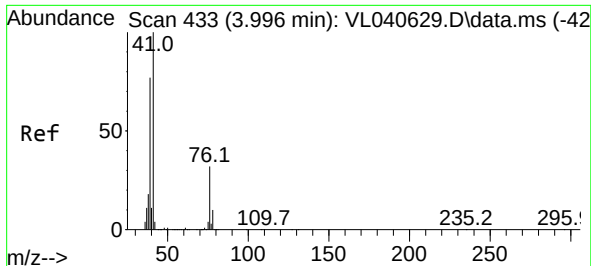
84 100

49 117.8 122.1 183.1#

51 39.7 35.4 53.2

86 48.8 51.7 77.5#





#21

Allyl Chloride

Concen: 0.027 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

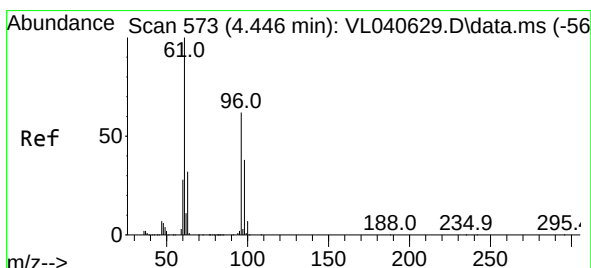
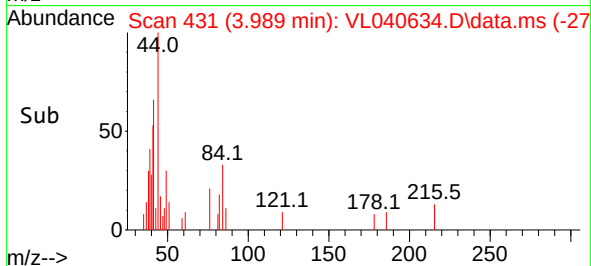
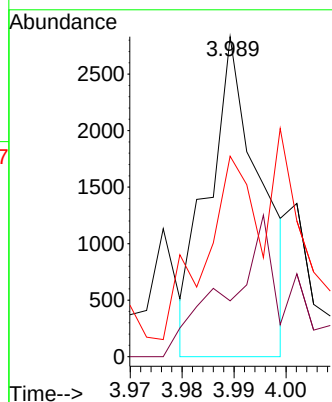
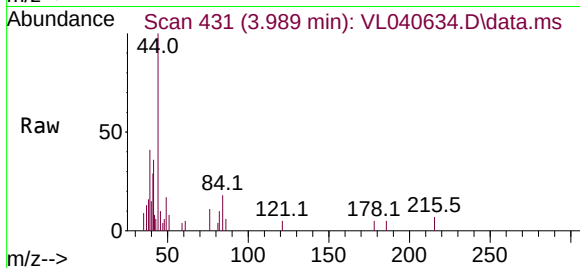
Tgt Ion: 41 Resp: 1967

Ion Ratio Lower Upper

41 100

76 0.0 25.5 38.3#

39 0.0 61.8 92.6#



#22

trans-1,2-Dichloroethene

Concen: 0.045 ppbv

RT: 4.446 min Scan# 573

Delta R.T. -0.000 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

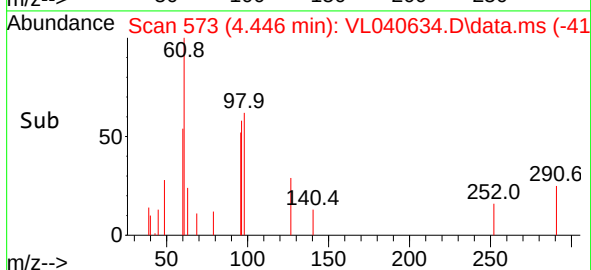
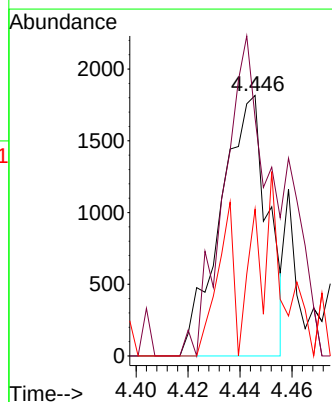
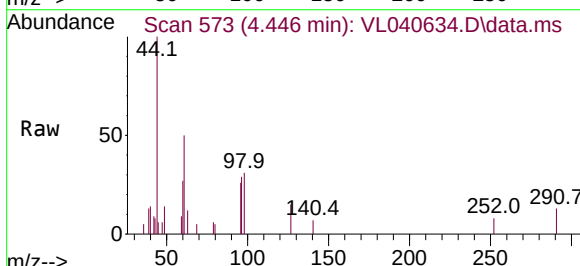
Tgt Ion: 96 Resp: 2283

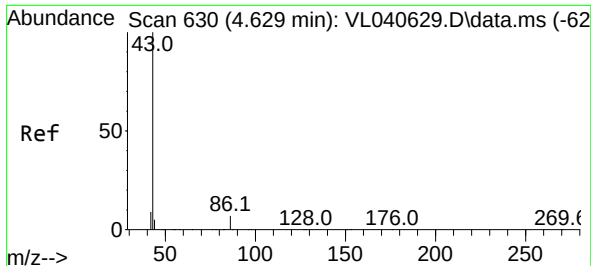
Ion Ratio Lower Upper

96 100

61 91.4 128.1 192.1#

98 56.3 48.1 72.1

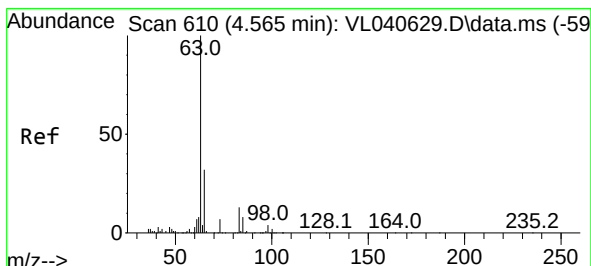
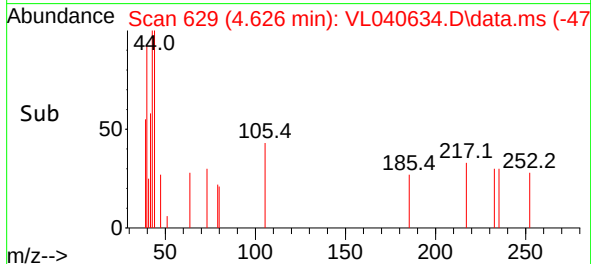
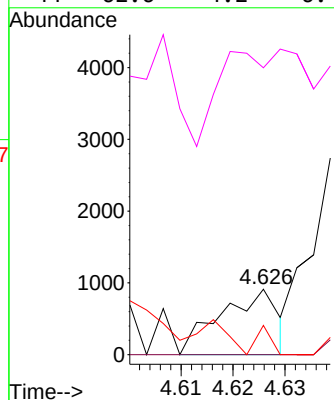
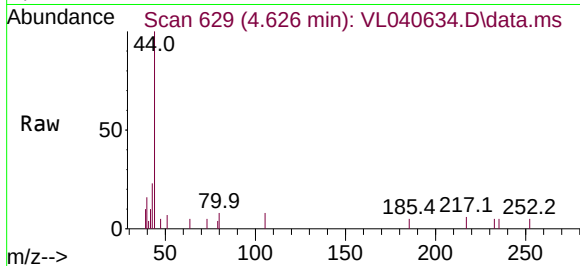




#23
 Vinyl Acetate
 Concen: 0.006 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

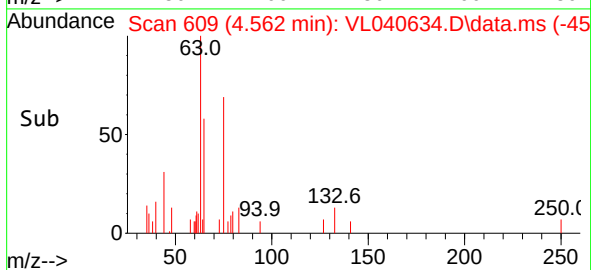
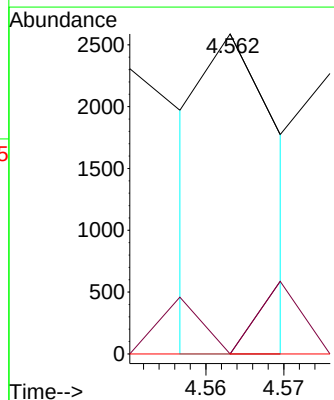
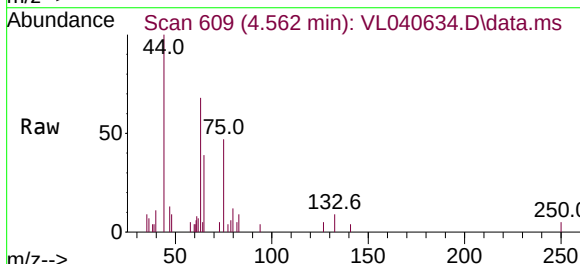
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

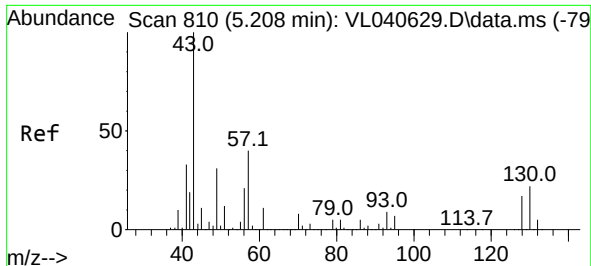
Tgt Ion: 43	Resp: 702
Ion Ratio	Lower Upper
43 100	
86 0.0	5.0 7.6#
42 122.7	7.8 11.8#
44 62.6	4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 0.008 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.003 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

Tgt Ion: 63	Resp:	842	
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	6.0#
100	0.0	1.1	3.3#

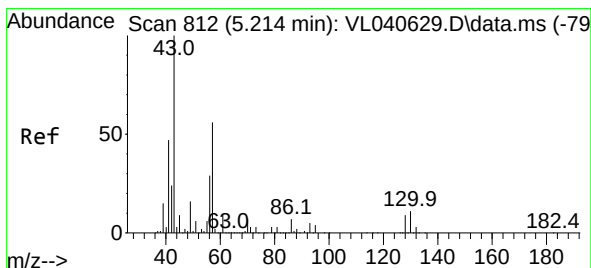
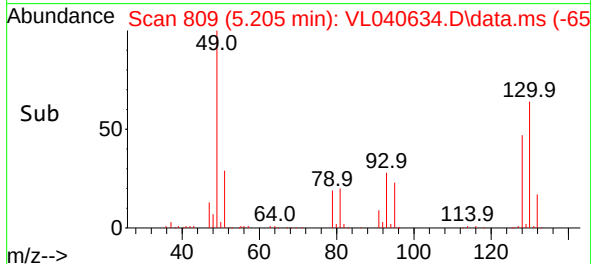
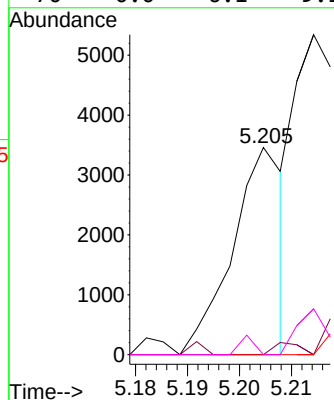
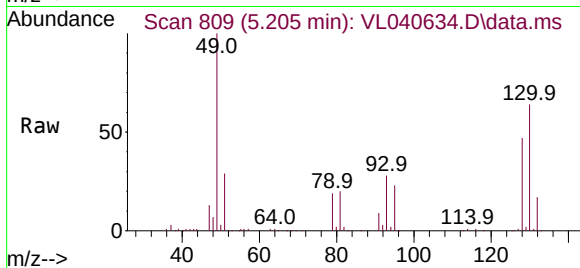




#25
Ethyl Acetate
Concen: 0.012 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

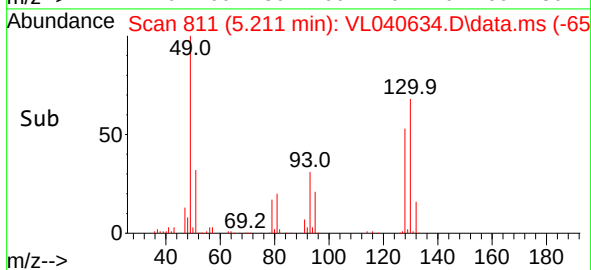
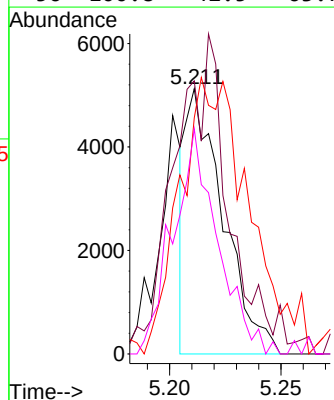
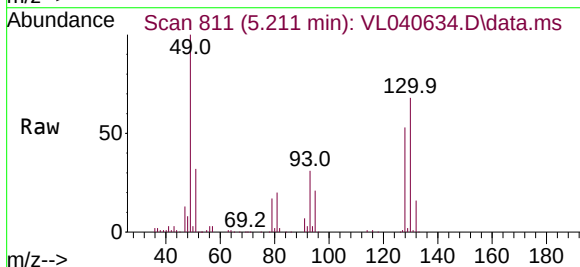
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

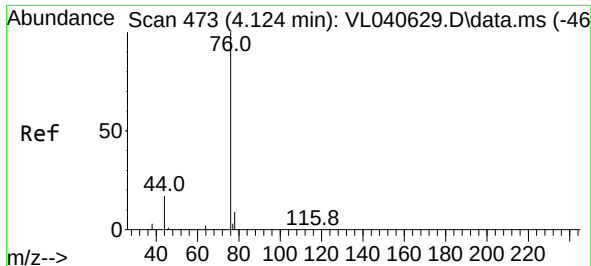
Tgt Ion: 43	Resp: 2350
Ion Ratio	Lower Upper
43 100	
45 0.0	8.2 12.4#
61 0.0	8.3 12.5#
70 0.0	6.1 9.1#



#26
Hexane
Concen: 0.061 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 57	Resp: 6018
Ion Ratio	Lower Upper
57 100	
41 178.5	69.3 103.9#
43 192.9	177.9 266.9
56 100.8	42.5 63.7#

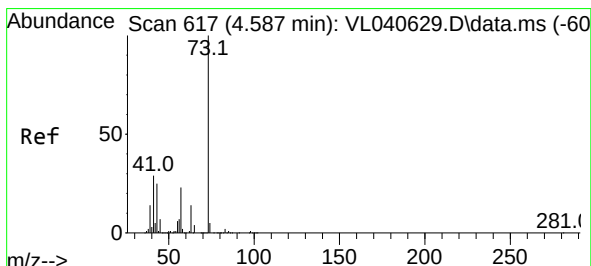
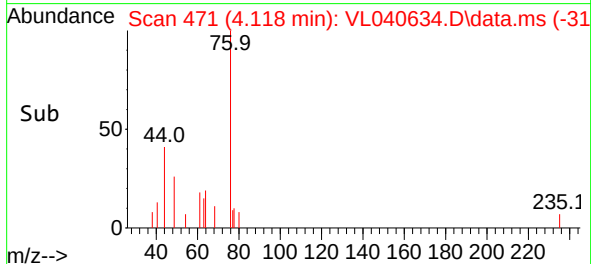
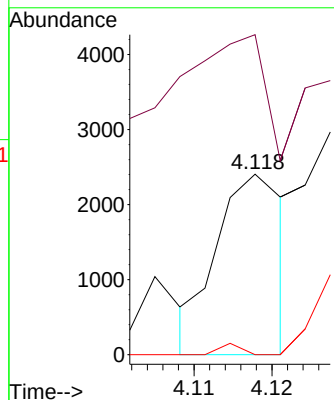
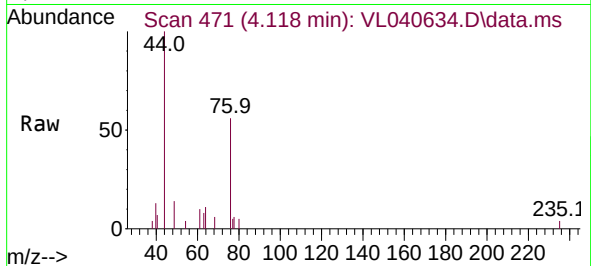




#27
Carbon Disulfide
Concen: 0.012 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

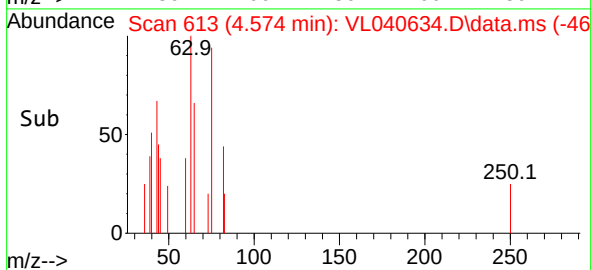
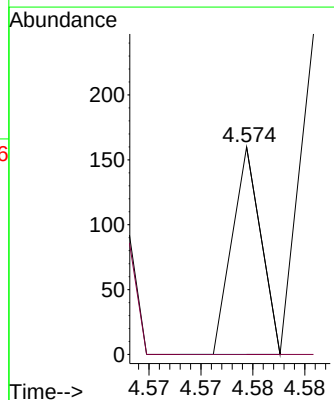
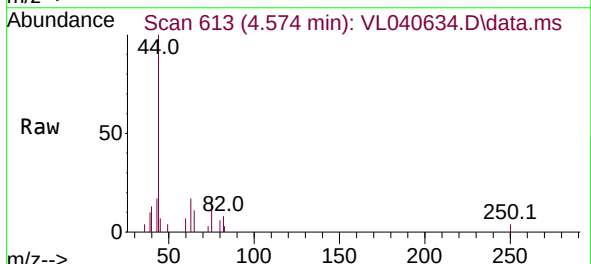
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

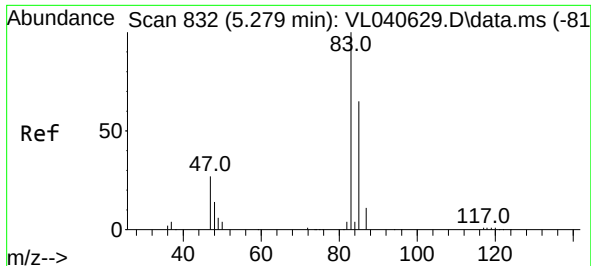
Tgt Ion: 76 Resp: 1444
Ion Ratio Lower Upper
76 100
44 0.0 14.3 21.5#
78 0.0 7.4 11.0#



#28
Methyl tert-Butyl Ether
Concen: 0.000 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.013 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 73 Resp: 31
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.035 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

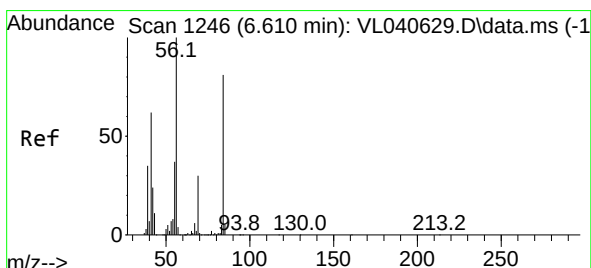
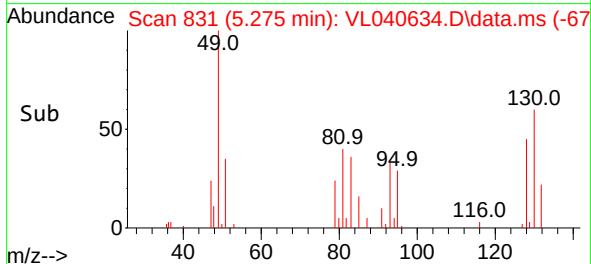
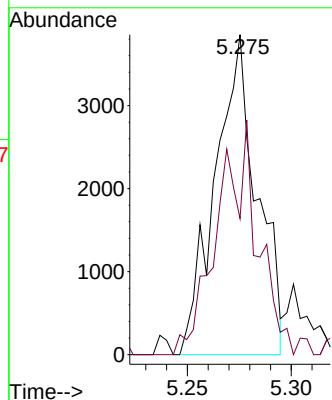
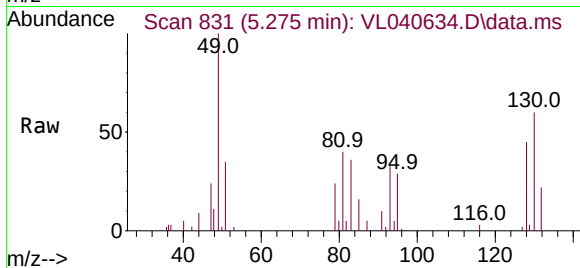
VSTDIC0.03

Tgt Ion: 83 Resp: 5405

Ion Ratio Lower Upper

83 100

85 36.3 52.2 78.2#



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

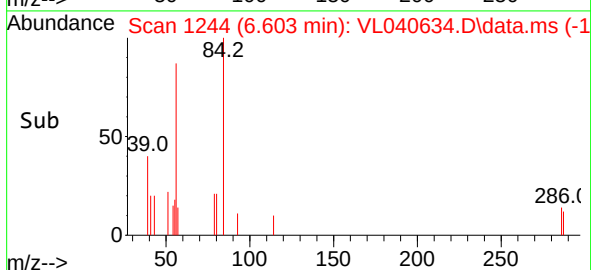
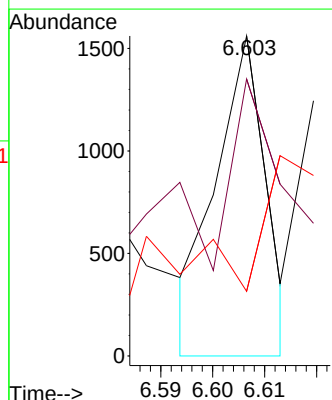
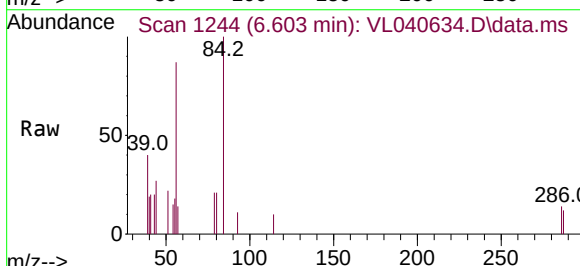
Tgt Ion: 84 Resp: 521

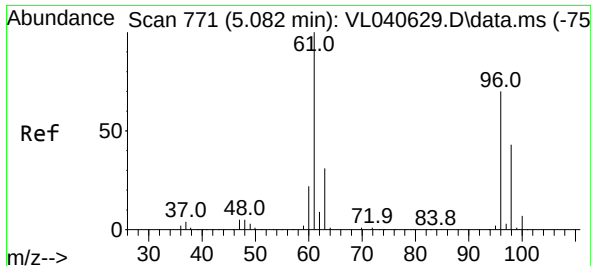
Ion Ratio Lower Upper

84 100

56 0.0 105.4 158.2#

41 0.0 64.2 96.2#

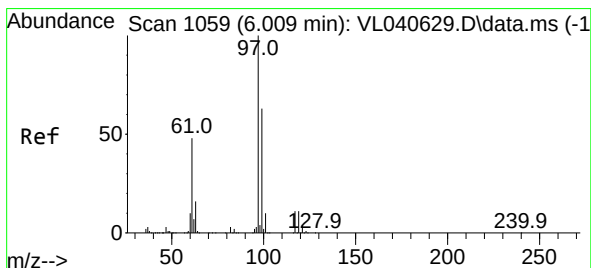
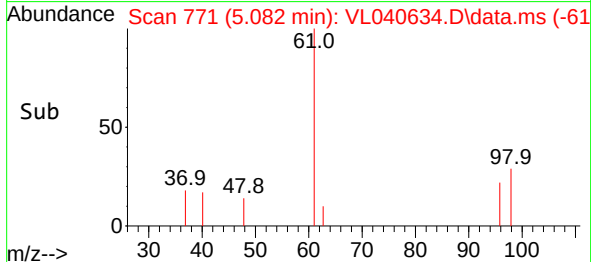
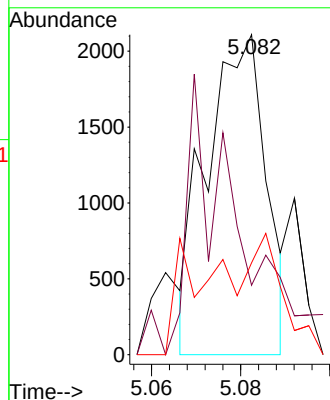
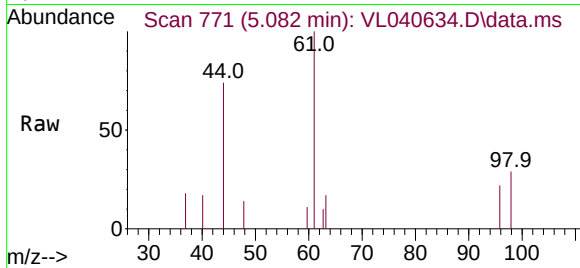




#31
 cis-1,2-Dichloroethene
 Concen: 0.022 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

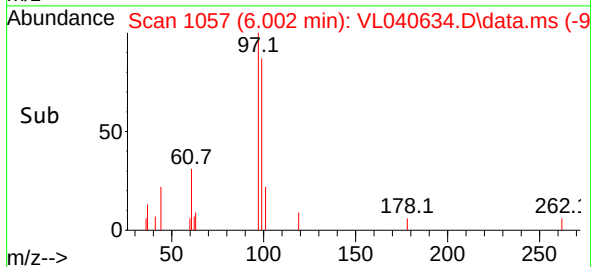
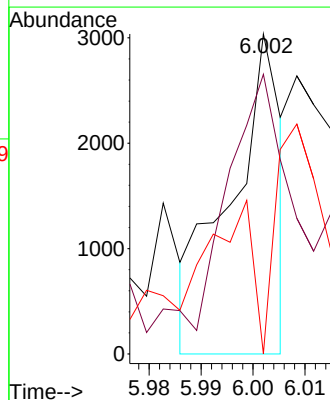
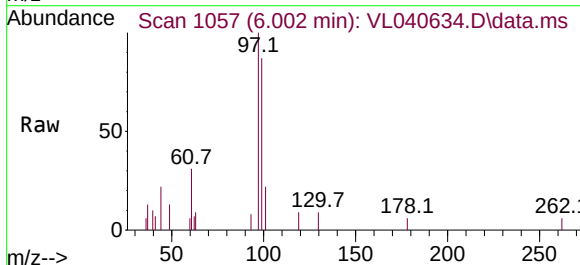
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

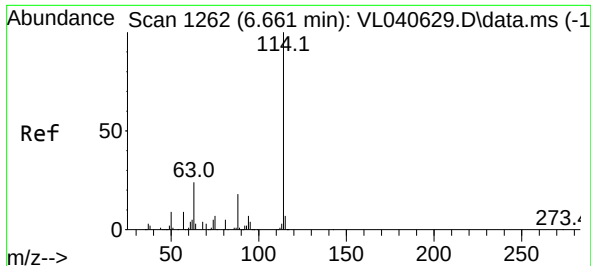
Tgt Ion: 61 Resp: 1963
 Ion Ratio Lower Upper
 61 100
 96 10.7 55.8 83.6#
 98 9.1 34.8 52.2#



#32
 1,1,1-Trichloroethane
 Concen: 0.014 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.007 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

Tgt Ion: 97 Resp: 2083
 Ion Ratio Lower Upper
 97 100
 99 173.7 51.2 76.8#
 61 0.0 39.7 59.5#

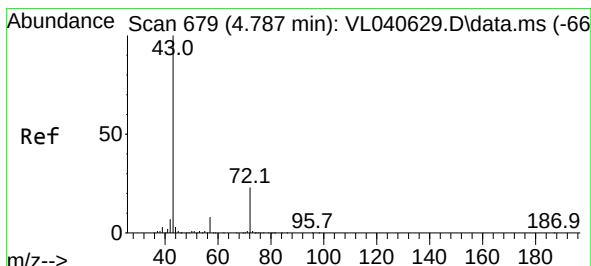
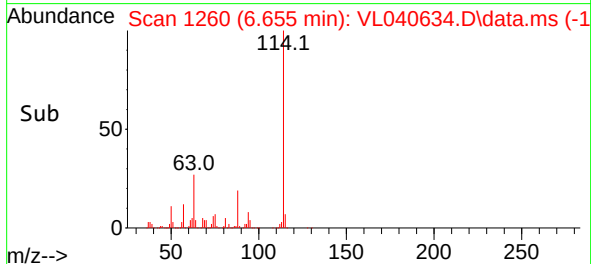
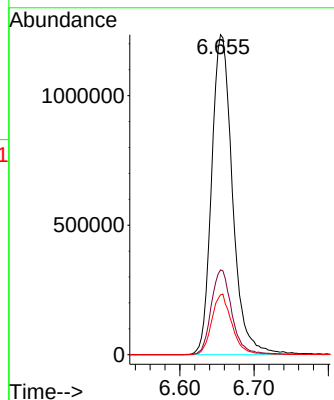
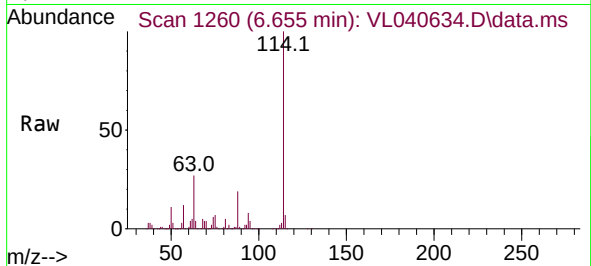




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

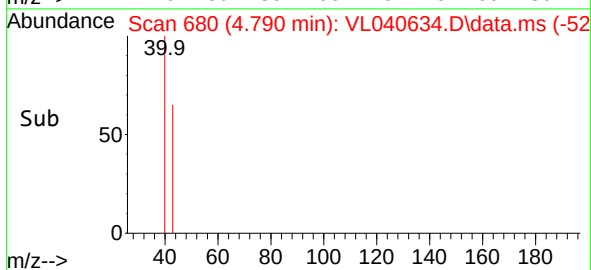
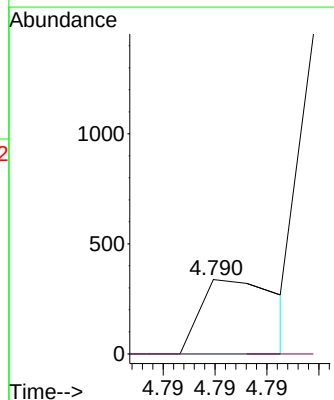
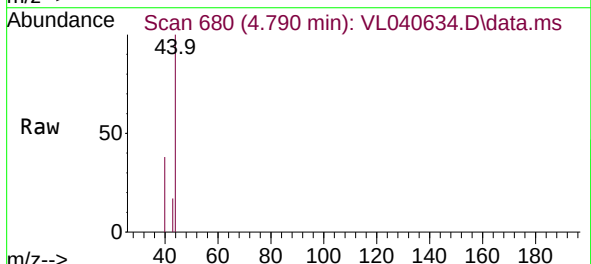
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

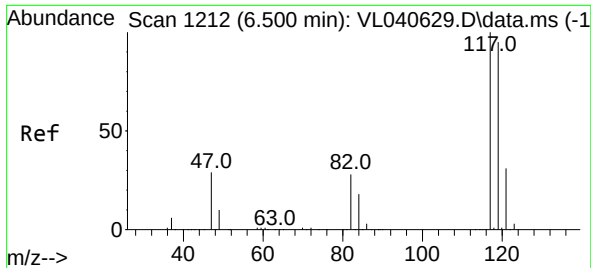
Tgt Ion:114 Resp: 2406326
Ion Ratio Lower Upper
114 100
63 26.4 20.2 30.2
88 18.6 14.1 21.1



#34
2-Butanone
Concen: 0.001 ppbv
RT: 4.790 min Scan# 680
Delta R.T. 0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#

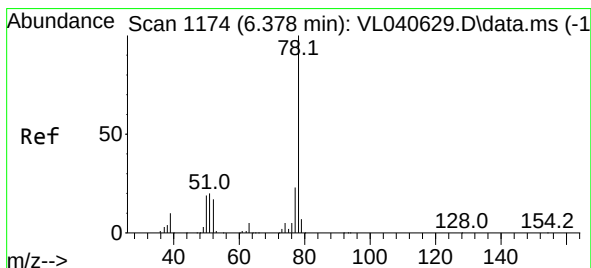
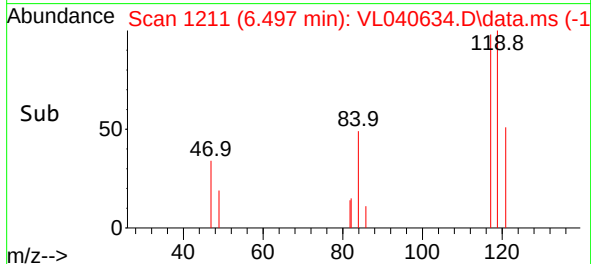
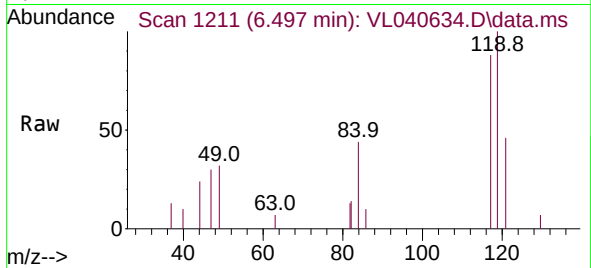




#35
Carbon Tetrachloride
Concen: 0.011 ppbv
RT: 6.497 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

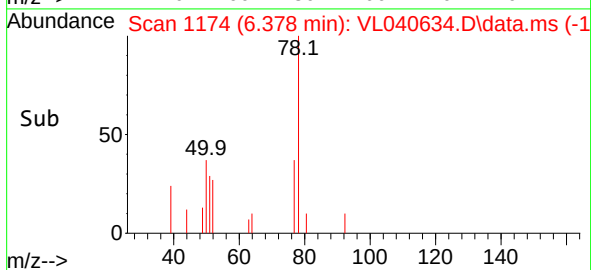
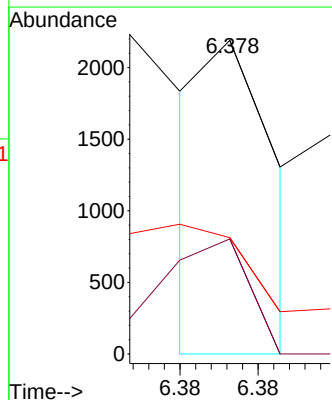
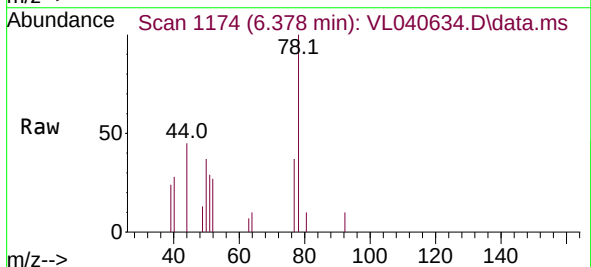
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

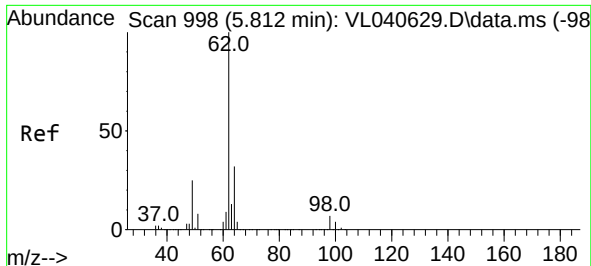
Tgt Ion:117 Resp: 1617
Ion Ratio Lower Upper
117 100
119 93.0 75.6 113.4
121 40.6 24.9 37.3#



#36
Benzene
Concen: 0.004 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 78 Resp: 673
Ion Ratio Lower Upper
78 100
77 90.8 18.2 27.2#
50 58.5 15.0 22.6#

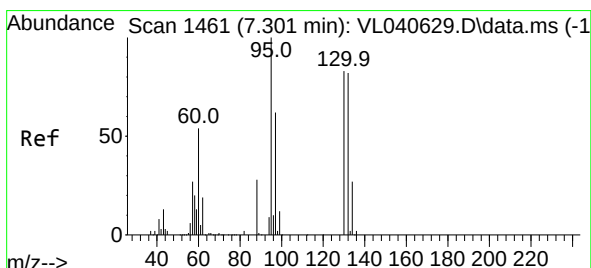
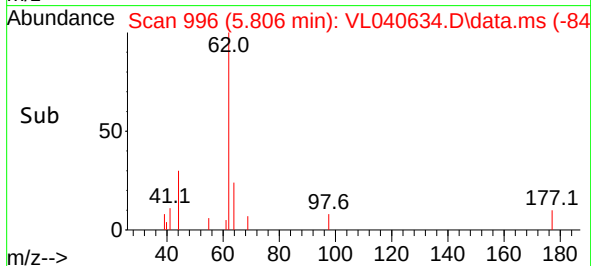
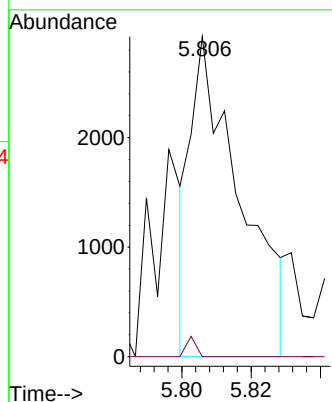
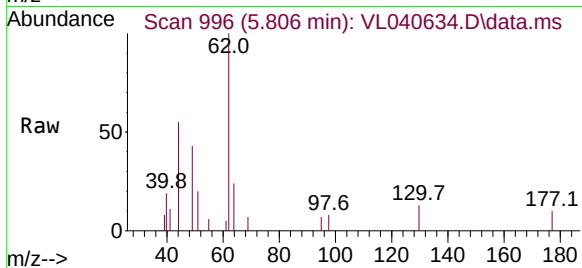




#37
1,2-Dichloroethane
Concen: 0.025 ppbv
RT: 5.806 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

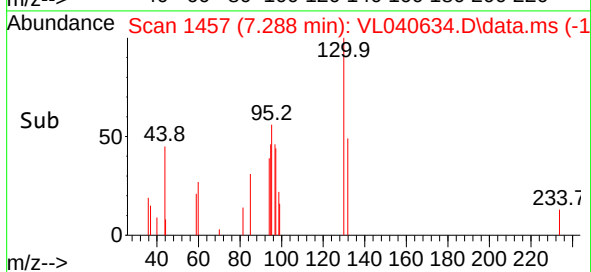
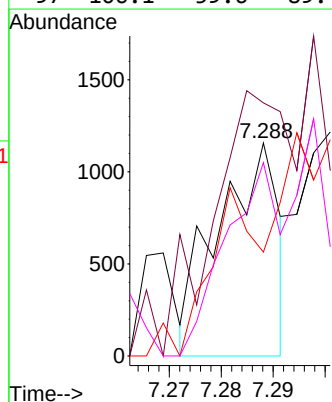
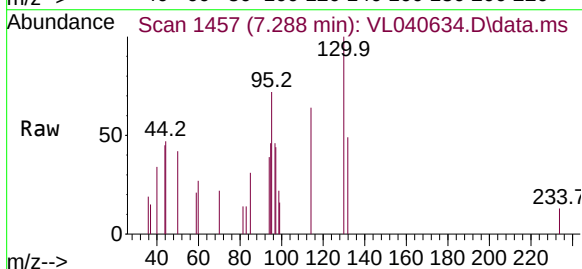
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

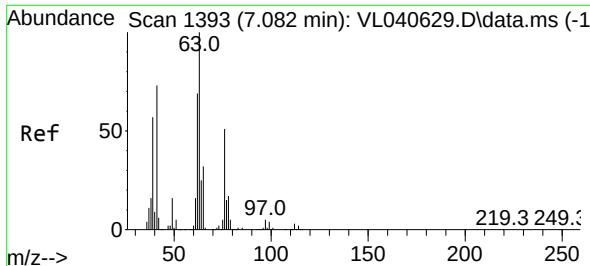
Tgt Ion: 62 Resp: 2903
Ion Ratio Lower Upper
62 100
98 0.0 4.9 7.3#



#38
Trichloroethene
Concen: 0.013 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.013 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion:130 Resp: 939
Ion Ratio Lower Upper
130 100
95 72.2 95.9 143.9#
132 57.0 79.0 118.4#
97 106.1 59.6 89.4#





#39

1,2-Dichloropropane

Concen: 8.705 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.428 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

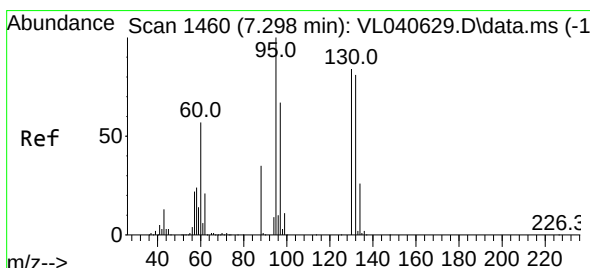
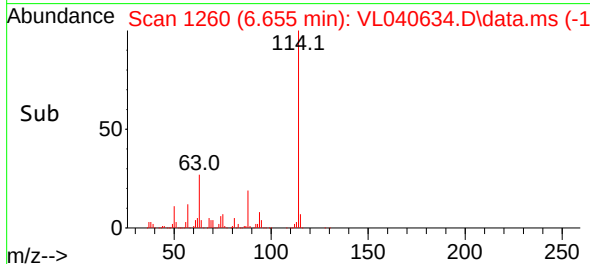
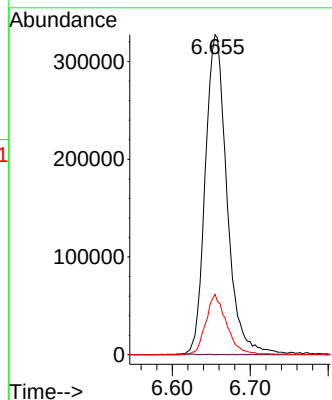
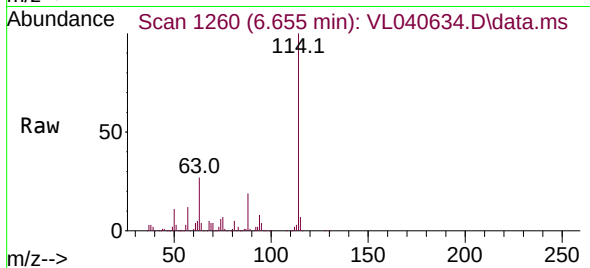
Tgt Ion: 63 Resp: 634010

Ion Ratio Lower Upper

63 100

41 0.0 58.2 87.2#

62 18.8 55.0 82.4#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.346 min Scan# 1475

Delta R.T. 0.048 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Tgt Ion: 88 Resp: 73

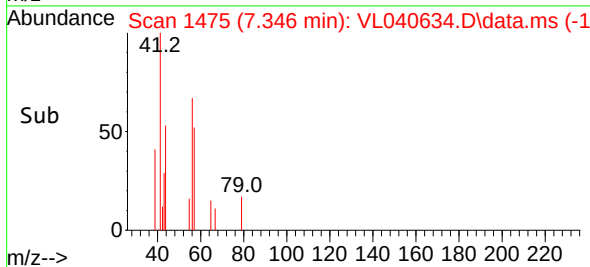
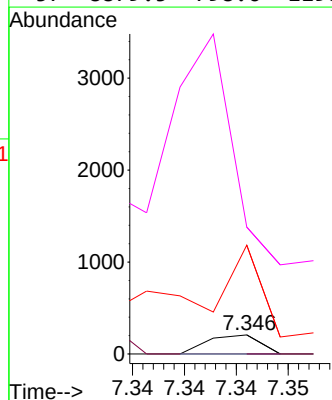
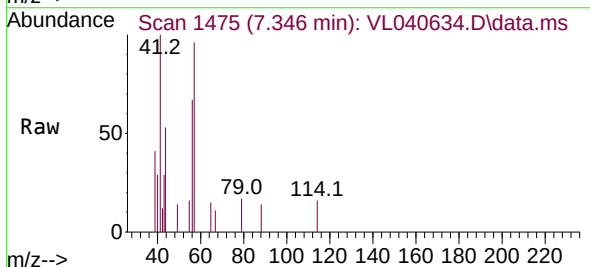
Ion Ratio Lower Upper

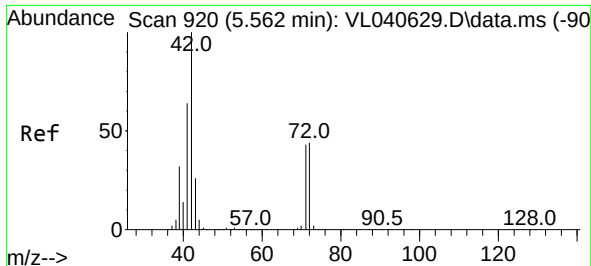
88 100

58 0.0 92.8 139.2#

43 2593.2 179.1 268.7#

57 8879.5 798.6 1198.0#

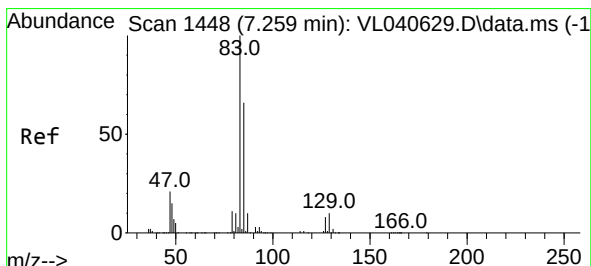
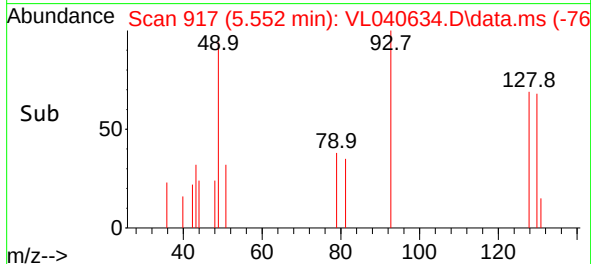
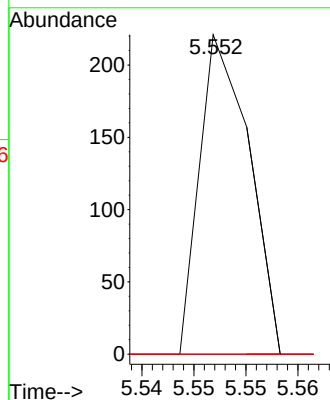
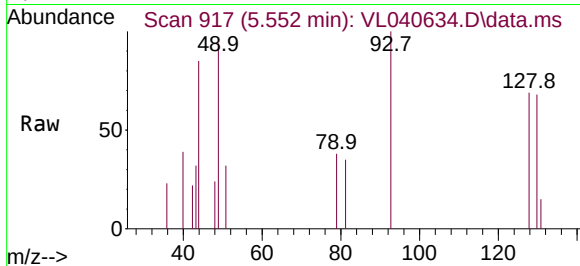




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.552 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

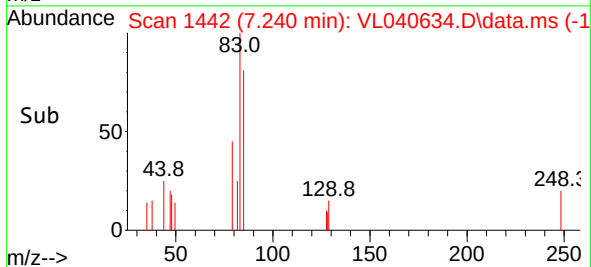
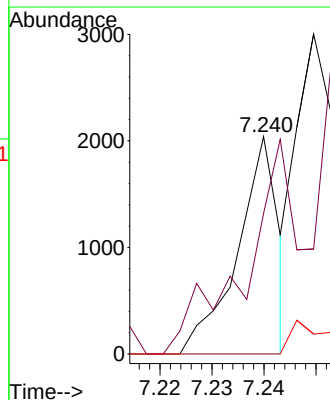
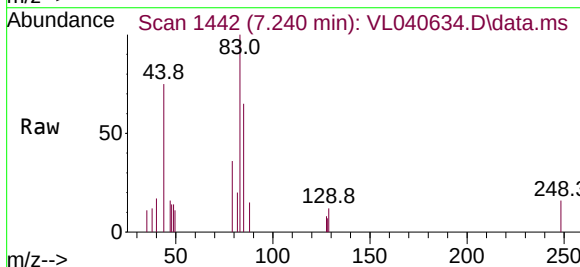
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

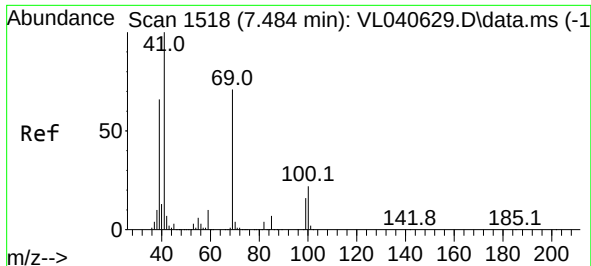
Tgt Ion: 42 Resp: 73
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 33.4 50.0#



#42
Bromodichloromethane
Concen: 0.007 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.019 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 83 Resp: 1116
Ion Ratio Lower Upper
83 100
85 54.1 52.5 78.7
127 8.2 6.1 9.1

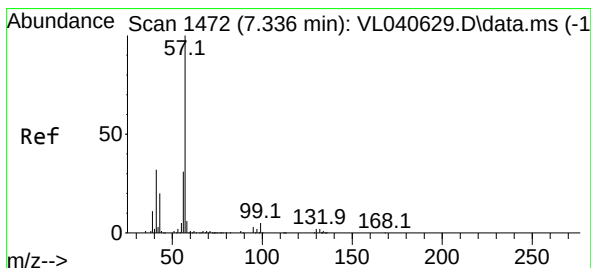
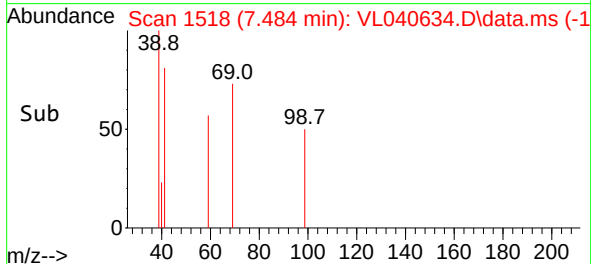
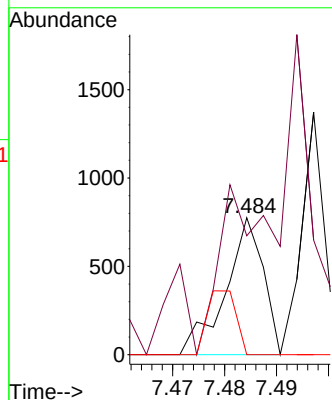
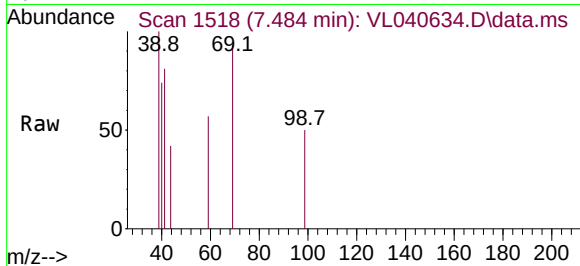




#43
Methyl Methacrylate
Concen: 0.005 ppbv
RT: 7.484 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

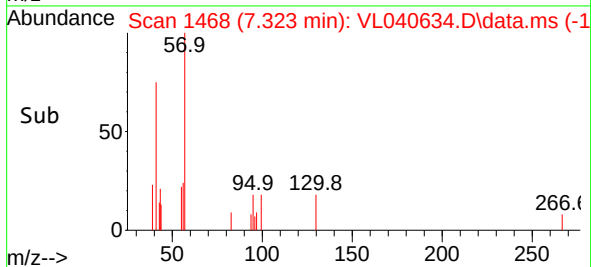
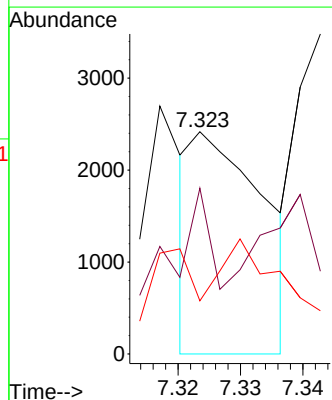
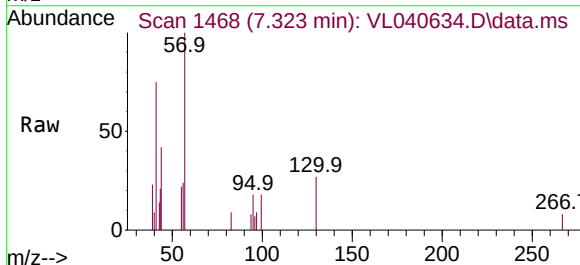
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

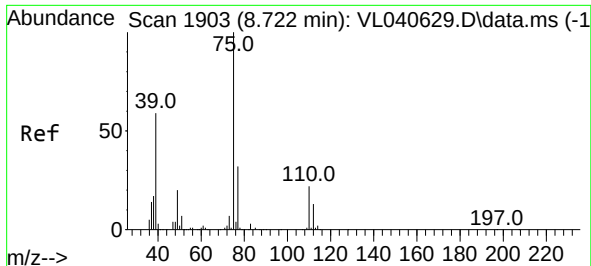
Tgt Ion: 69 Resp: 391
Ion Ratio Lower Upper
69 100
41 0.0 111.8 167.8#
100 35.5 25.8 38.6



#44
2,2,4-Trimethylpentane
Concen: 0.006 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.013 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 57 Resp: 1908
Ion Ratio Lower Upper
57 100
41 189.2 26.2 39.4#
56 112.6 24.7 37.1#





#45

t-1,3-Dichloropropene

Concen: 0.002 ppbv

RT: 8.722 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

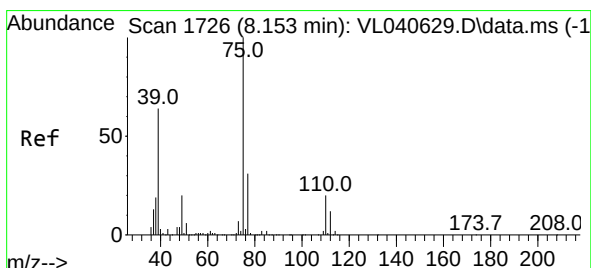
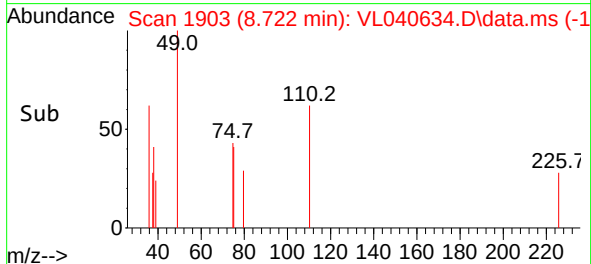
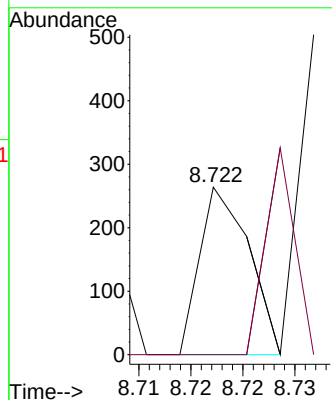
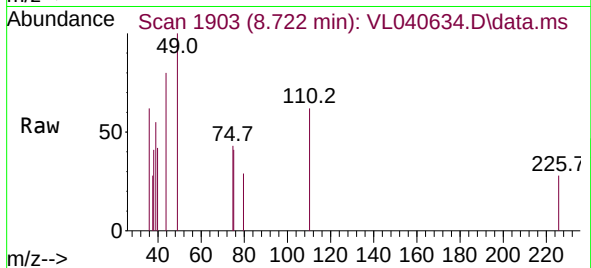
VSTDICC0.03

Tgt Ion: 75 Resp: 87

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



#46

cis-1,3-Dichloropropene

Concen: 0.010 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.000 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

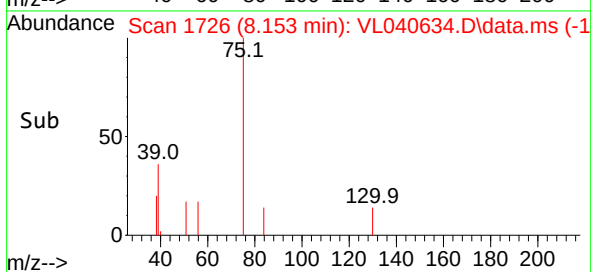
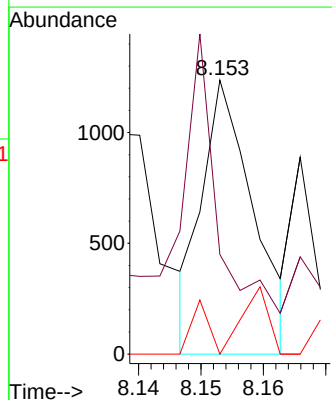
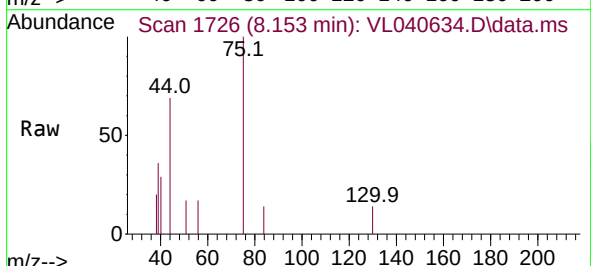
Tgt Ion: 75 Resp: 704

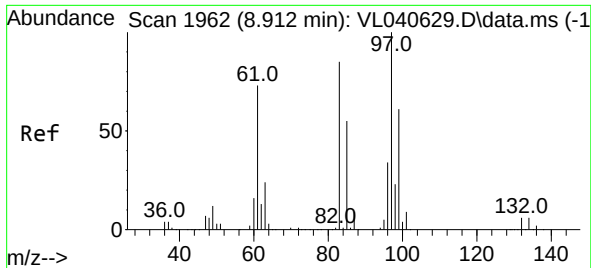
Ion Ratio Lower Upper

75 100

39 29.7 51.0 76.4#

77 0.0 24.6 36.8#

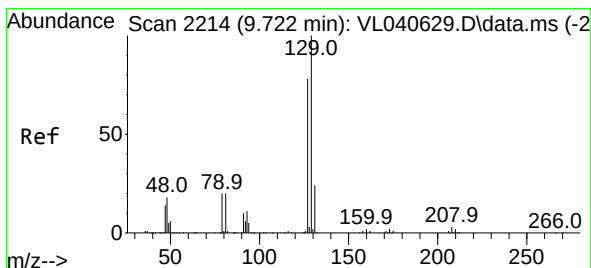
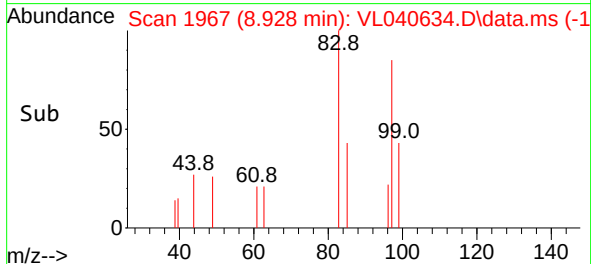
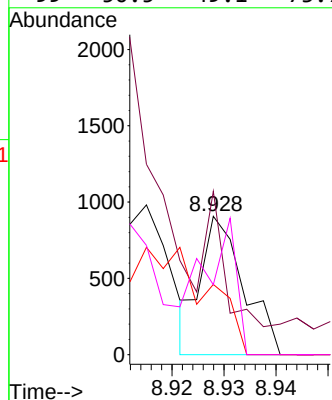
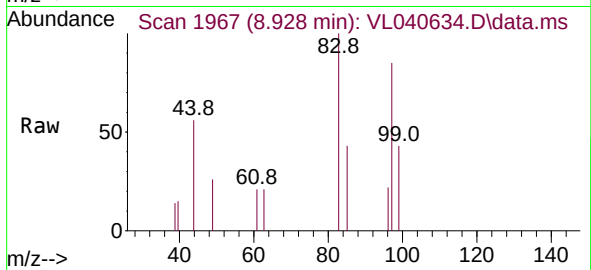




#47
1,1,2-Trichloroethane
Concen: 0.006 ppbv
RT: 8.928 min Scan# 1962
Delta R.T. 0.016 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

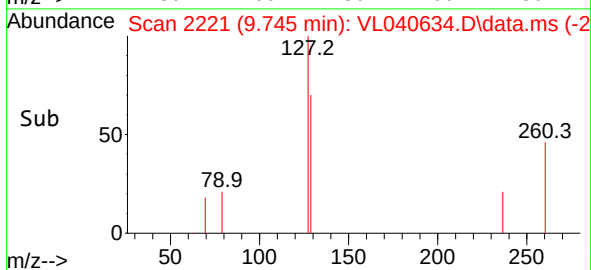
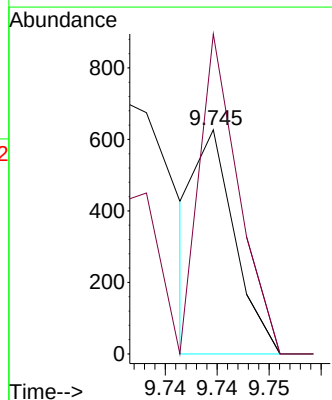
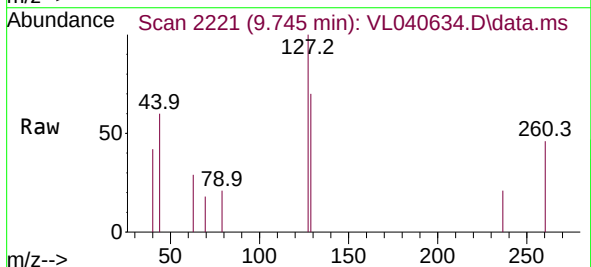
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

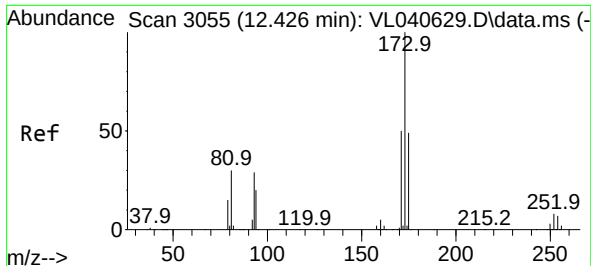
Tgt Ion: 97	Resp: 521
Ion Ratio	Lower Upper
97 100	
83 96.0	67.8 101.8
85 50.7	44.0 66.0
99 50.5	49.1 73.7



#48
Dibromochloromethane
Concen: 0.001 ppbv
RT: 9.745 min Scan# 2221
Delta R.T. 0.022 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion:129	Resp:	153	
Ion	Ratio	Lower	Upper
129	100		
127	67.3	38.9	116.7

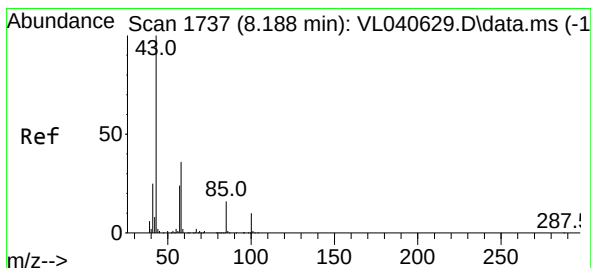
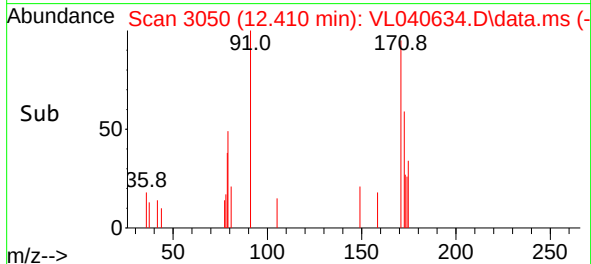
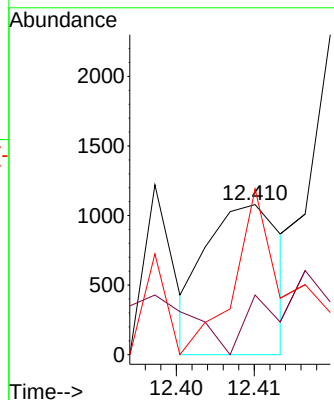
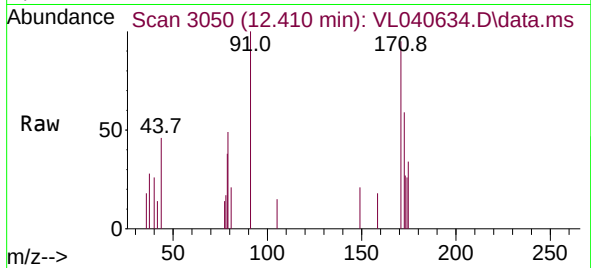




#49
Bromoform
Concen: 0.007 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. -0.016 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

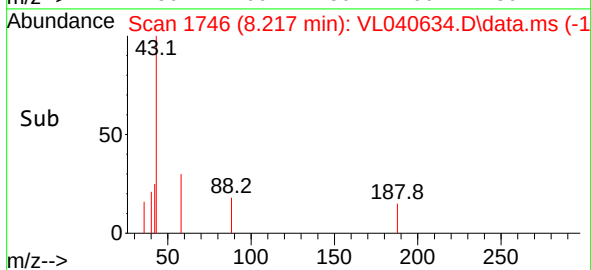
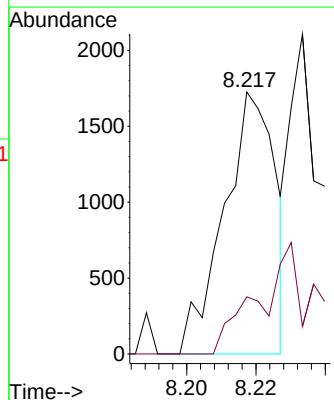
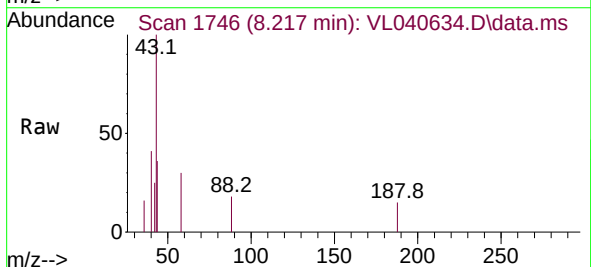
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

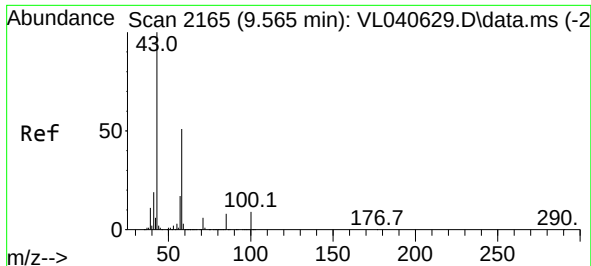
Tgt Ion: 173 Resp: 723
Ion Ratio Lower Upper
173 100
175 0.0 39.0 58.6#
171 149.8 41.9 62.9#



#50
4-Methyl-2-Pentanone
Concen: 0.010 ppbv
RT: 8.217 min Scan# 1746
Delta R.T. 0.029 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 43 Resp: 1771
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8#

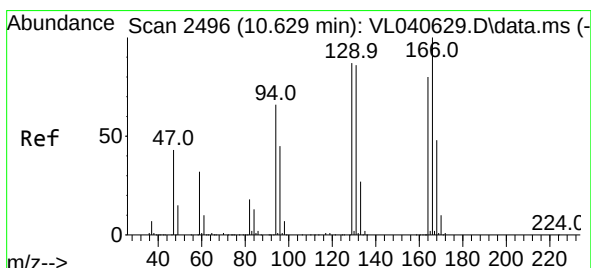
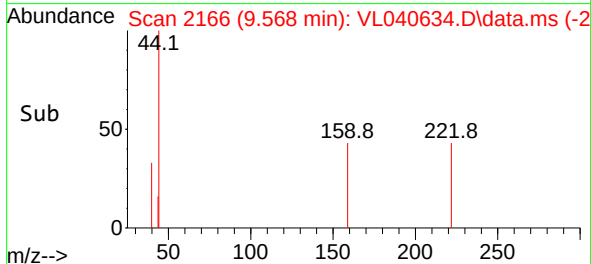
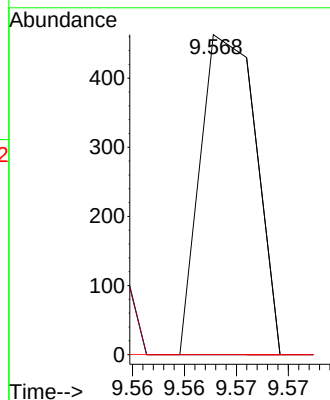
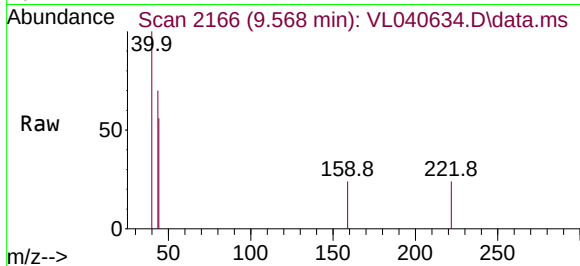




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

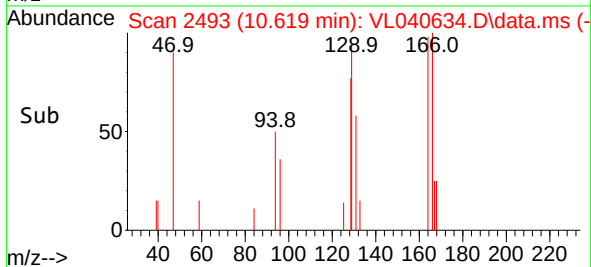
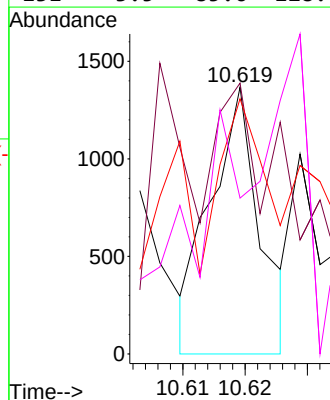
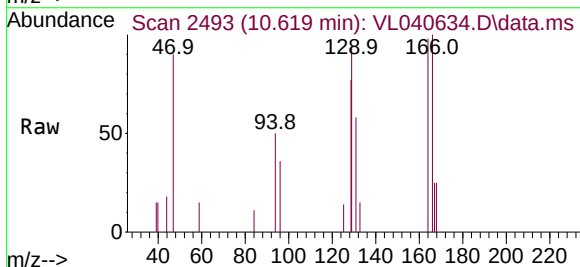
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

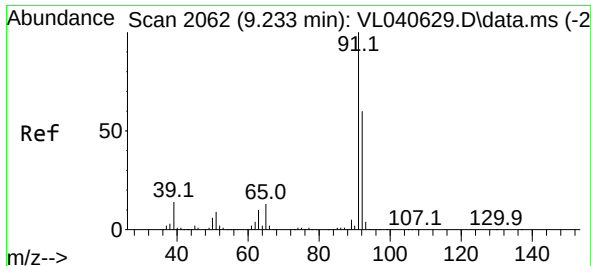
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
58 22.1 39.4 59.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.013 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.010 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 164 Resp: 753
Ion Ratio Lower Upper
164 100
166 30.7 99.5 149.3#
129 60.6 86.9 130.3#
131 3.5 85.6 128.4#

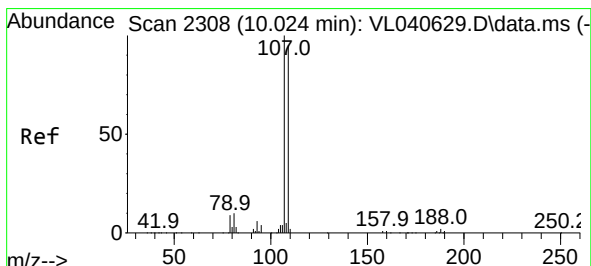
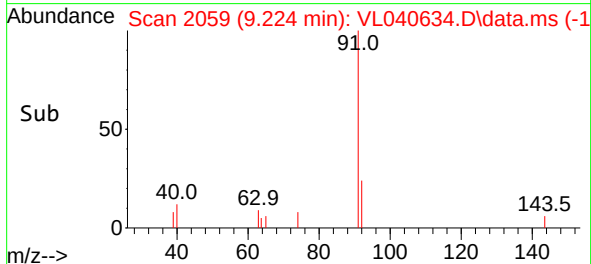
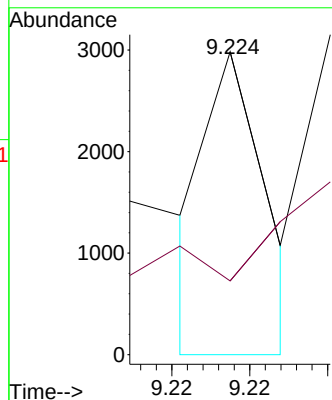
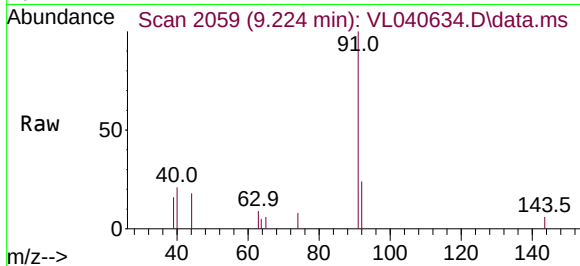




#53
Toluene
Concen: 0.004 ppbv
RT: 9.224 min Scan# 2062
Delta R.T. -0.010 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

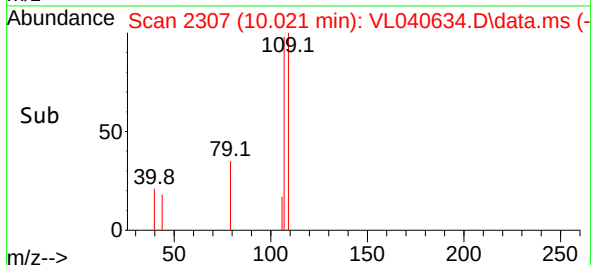
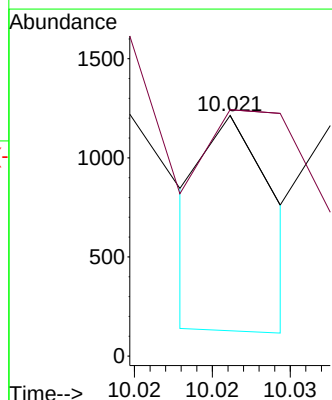
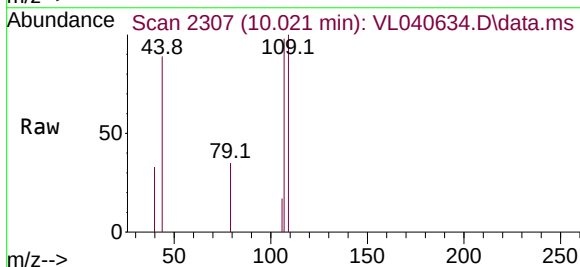
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

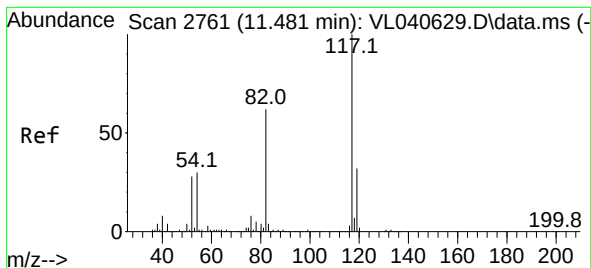
Tgt Ion: 91 Resp: 783
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0#



#54
1,2-Dibromoethane
Concen: 0.003 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 107 Resp: 332
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

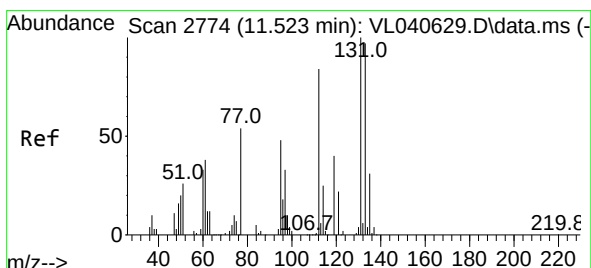
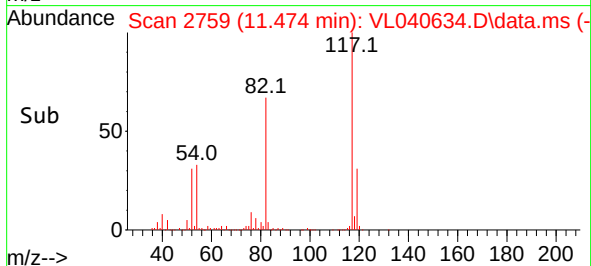
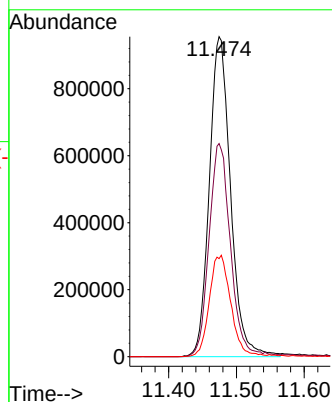
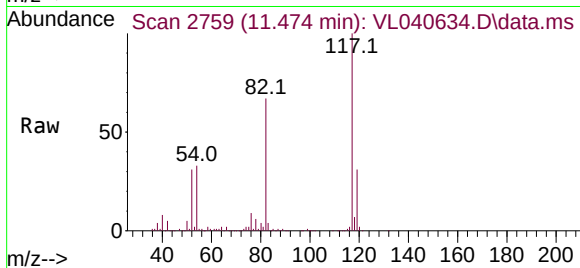




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

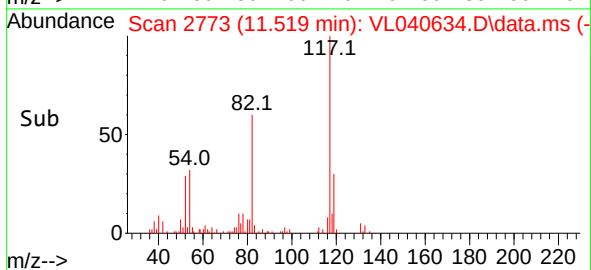
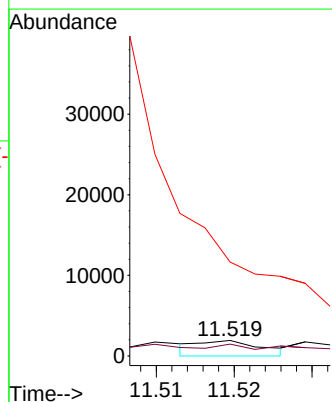
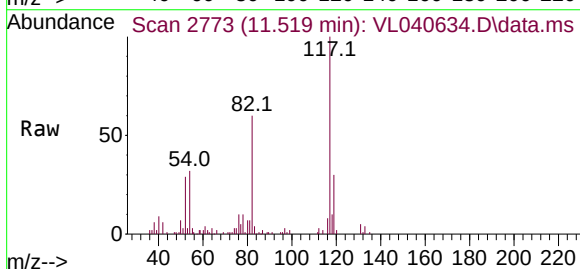
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

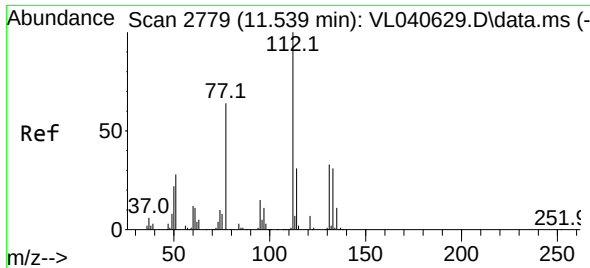
Tgt Ion:117 Resp: 2081195
Ion Ratio Lower Upper
117 100
82 68.2 49.5 74.3
119 32.5 24.5 36.7



#56
1,1,1,2-Tetrachloroethane
Concen: 0.011 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion:131 Resp: 1083
Ion Ratio Lower Upper
131 100
133 305.4 75.4 113.0#
119 0.0 51.0 76.6#

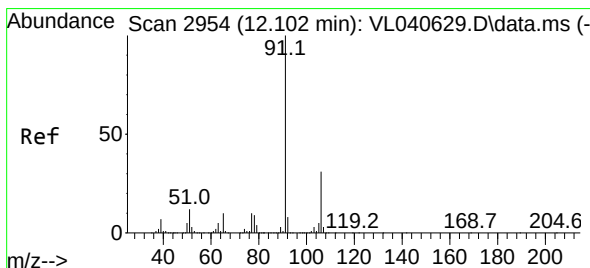
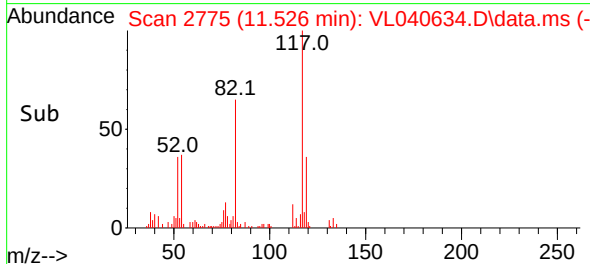
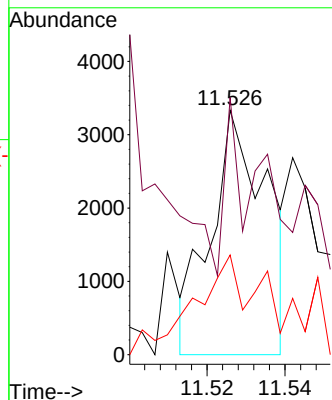
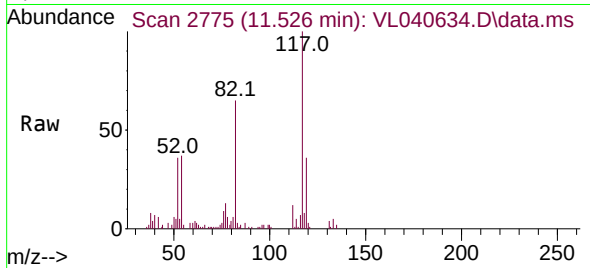




#57
Chlorobenzene
Concen: 0.021 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

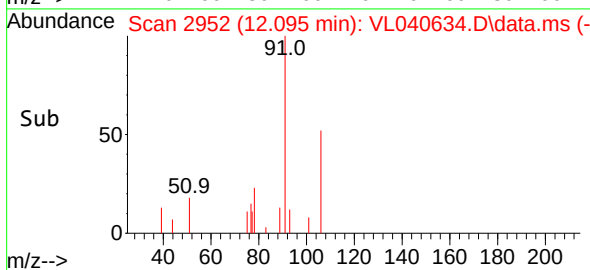
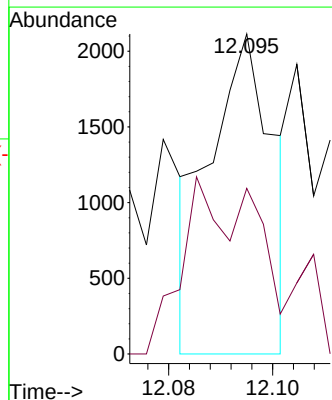
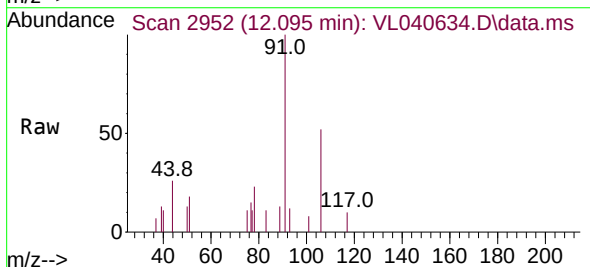
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

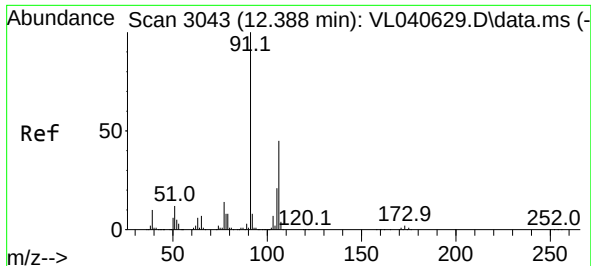
Tgt Ion:112 Resp: 3311
Ion Ratio Lower Upper
112 100
77 65.0 52.5 78.7
114 49.1 27.8 34.0#



#58
Ethyl Benzene
Concen: 0.007 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 91 Resp: 1779
Ion Ratio Lower Upper
91 100
106 88.0 24.6 36.8#





#59

m/p-Xylene

Concen: 0.009 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. -0.010 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

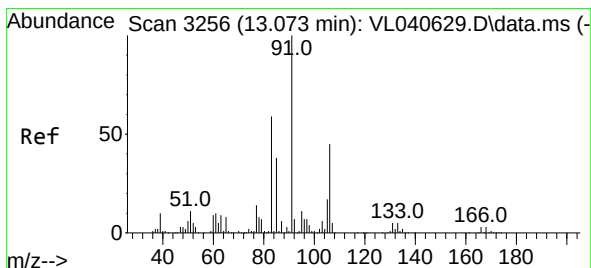
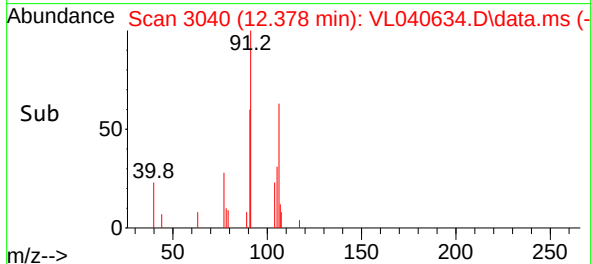
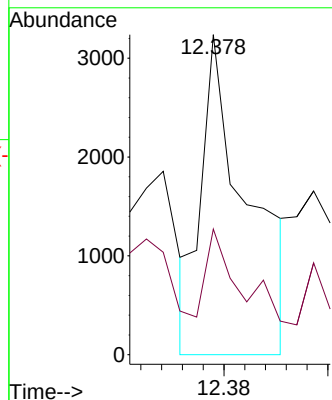
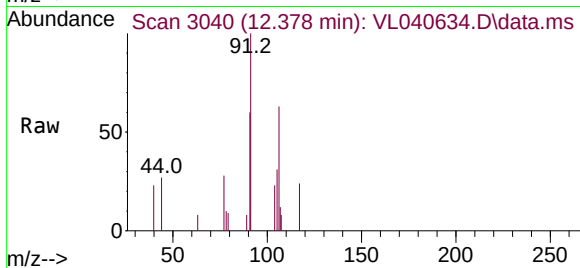
VSTDICC0.03

Tgt Ion: 91 Resp: 2007

Ion Ratio Lower Upper

91 100

106 0.0 35.3 52.9#



#60

o-Xylene

Concen: 0.003 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.010 min

Lab File: VL040634.D

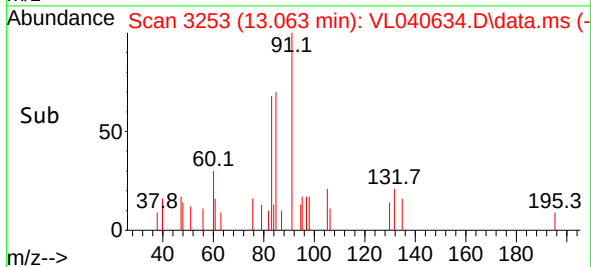
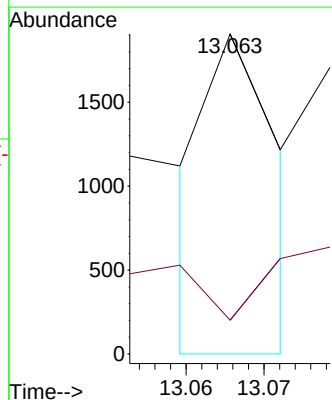
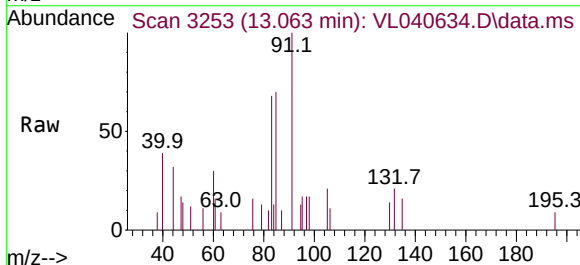
Acq: 15 Aug 2023 13:38

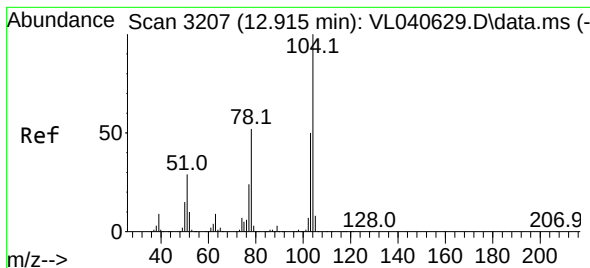
Tgt Ion: 91 Resp: 603

Ion Ratio Lower Upper

91 100

106 0.0 22.5 67.5#





#61

Styrene

Concen: 0.002 ppbv

RT: 12.912 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

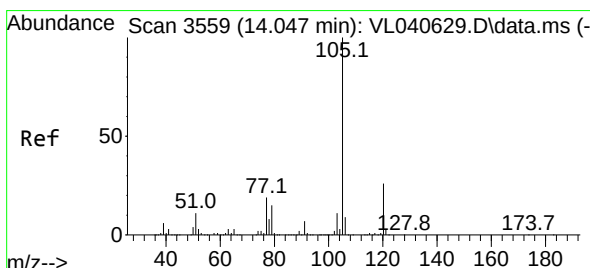
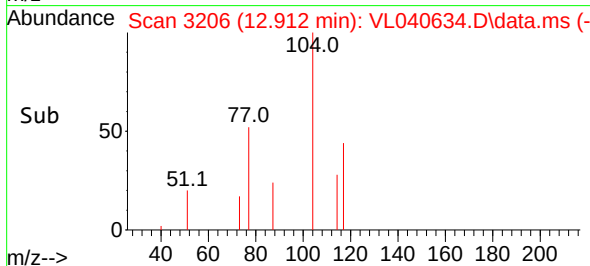
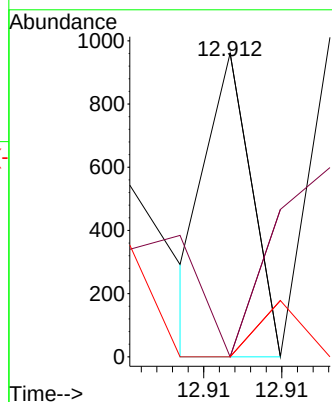
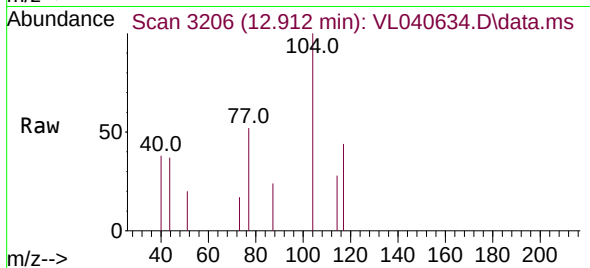
Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion:104	Resp:	185
Ion	Ratio	Lower Upper
104	100	
78	0.0	41.0 61.4#
103	0.0	37.3 55.9#



#62

Isopropylbenzene

Concen: 0.005 ppbv

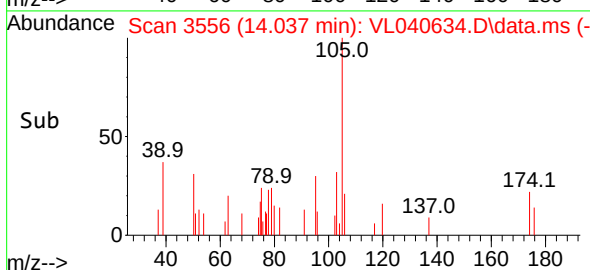
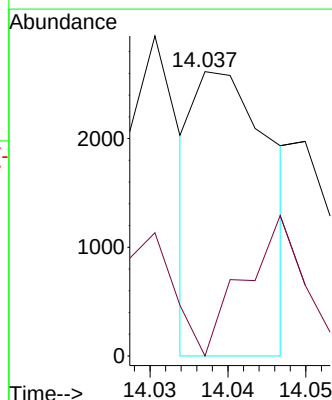
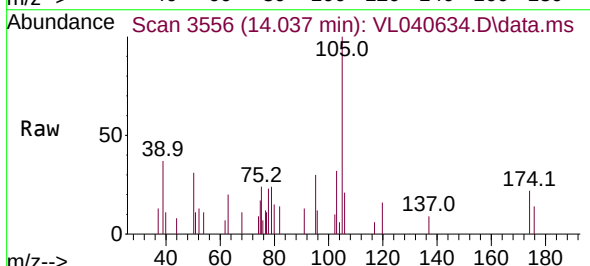
RT: 14.037 min Scan# 3556

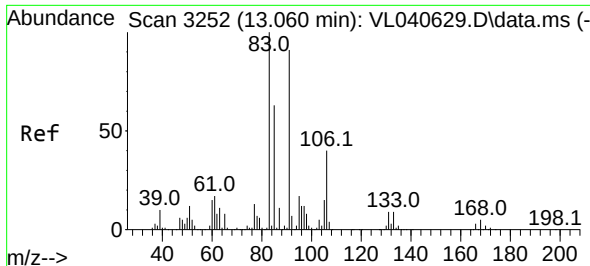
Delta R.T. -0.010 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Tgt Ion:105	Resp:	1780
Ion	Ratio	Lower Upper
105	100	
120	0.0	20.3 30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.008 ppbv

RT: 13.053 min Scan# 31

Delta R.T. -0.007 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

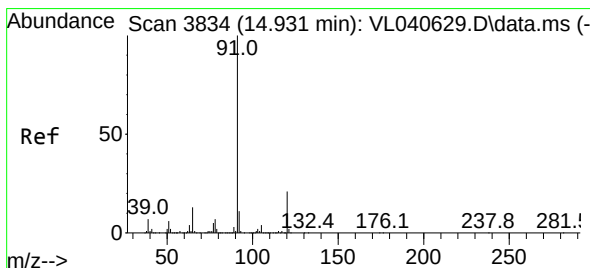
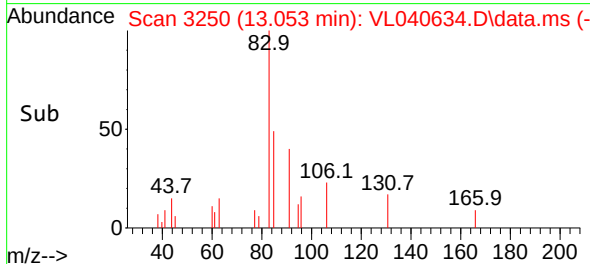
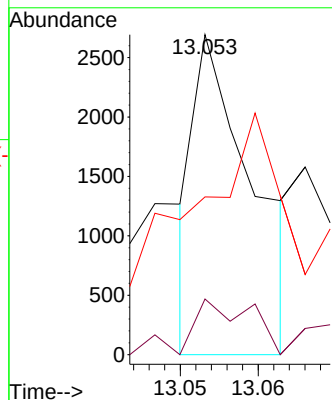
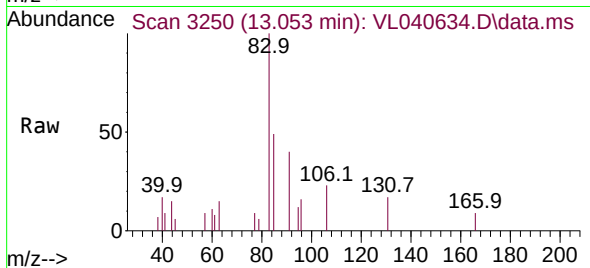
Tgt Ion: 83 Resp: 1395

Ion Ratio Lower Upper

83 100

131 30.6 4.5 13.7#

85 0.0 32.4 97.2#



#64

n-propylbenzene

Concen: 0.004 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. -0.010 min

Lab File: VL040634.D

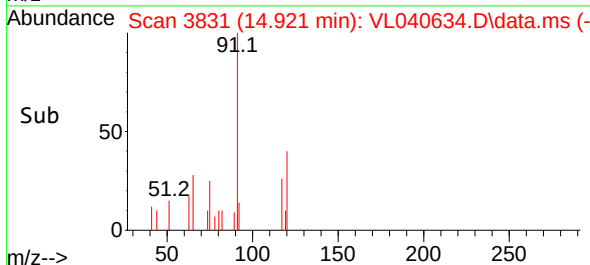
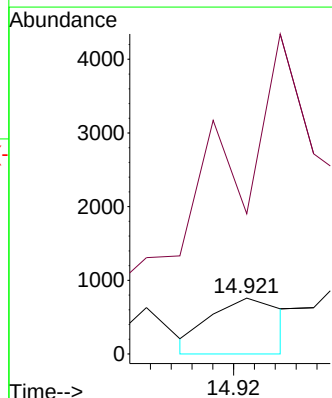
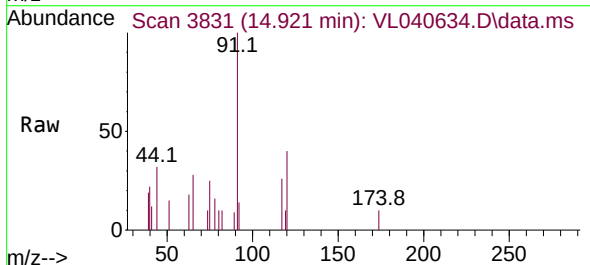
Acq: 15 Aug 2023 13:38

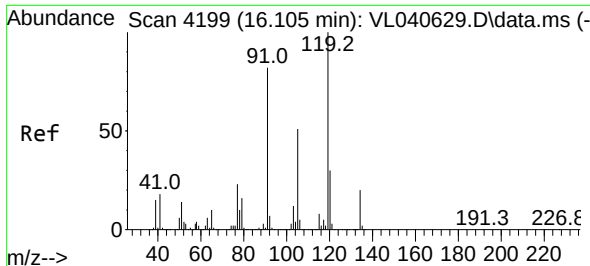
Tgt Ion: 120 Resp: 369

Ion Ratio Lower Upper

120 100

91 2227.4 387.8 581.8#

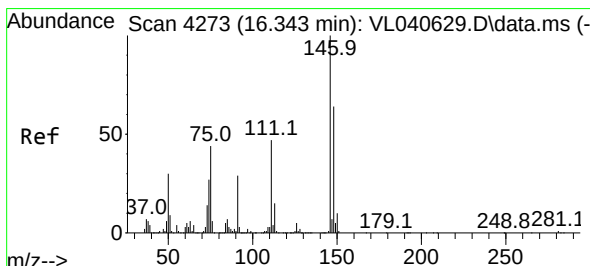
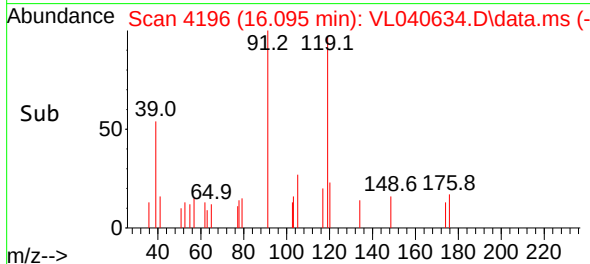
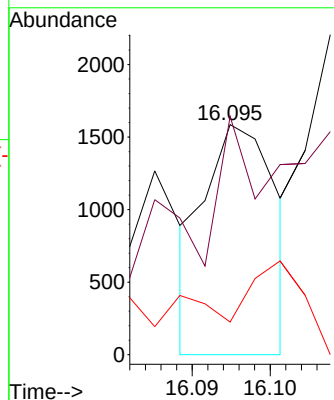
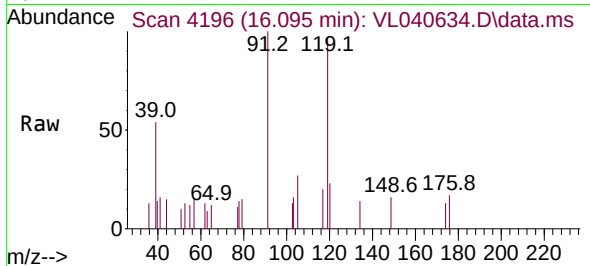




#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

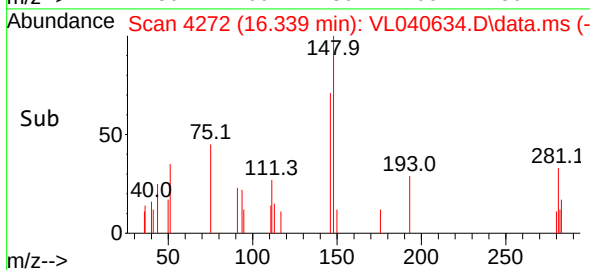
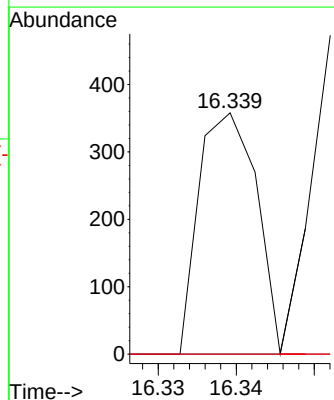
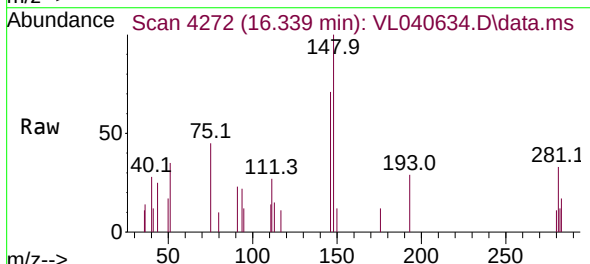
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

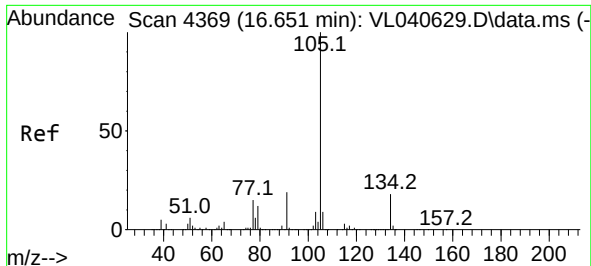
Tgt Ion: 119 Resp: 1005
Ion Ratio Lower Upper
119 100
91 403.8 67.8 101.6#
134 72.7 15.7 23.5#



#66
Benzyl Chloride
Concen: 0.005 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 91 Resp: 183
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 0.0 4.3 6.5#

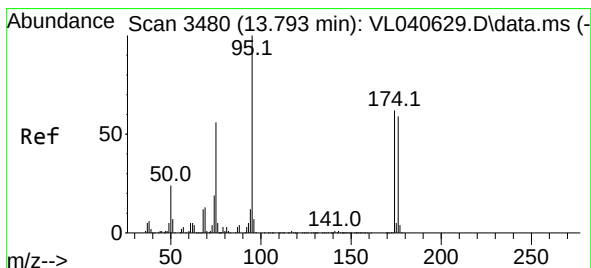
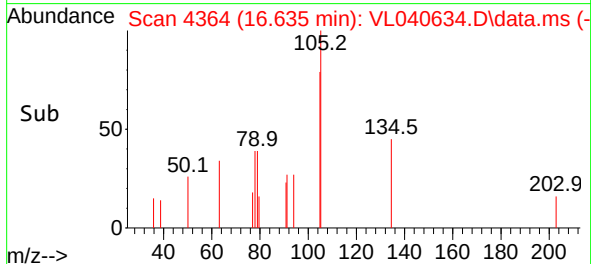
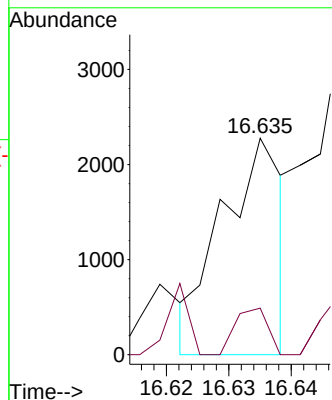
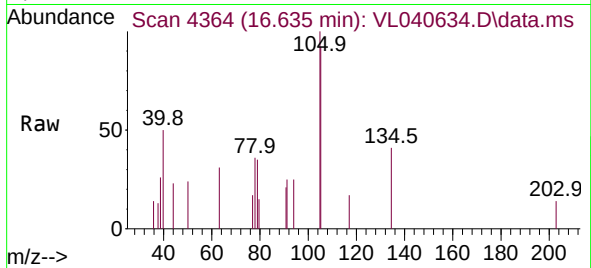




#67
 sec-Butylbenzene
 Concen: 0.004 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

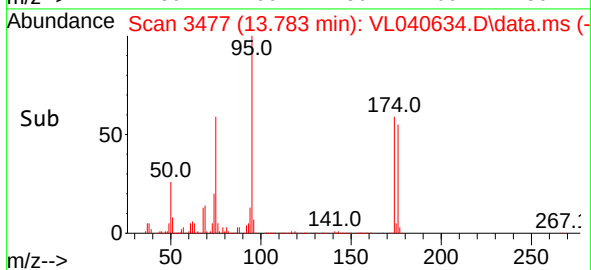
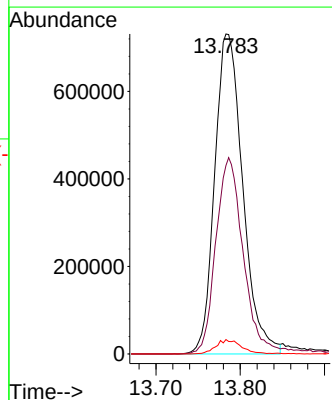
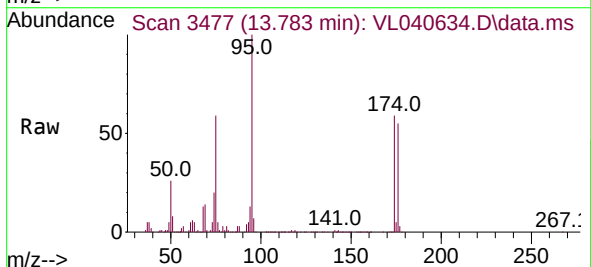
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

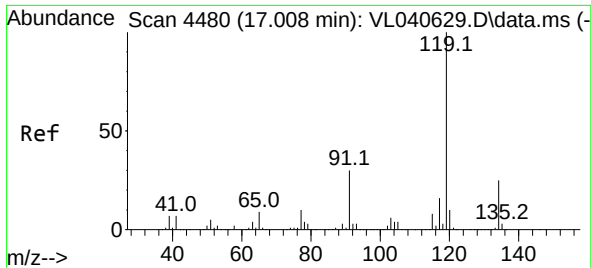
Tgt Ion:105 Resp: 1538
 Ion Ratio Lower Upper
 105 100
 134 0.0 13.8 20.8#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.209 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.010 min
 Lab File: VL040634.D
 Acq: 15 Aug 2023 13:38

Tgt Ion: 95 Resp: 1689735
 Ion Ratio Lower Upper
 95 100
 174 61.5 49.1 73.7
 175 4.2 3.7 5.5

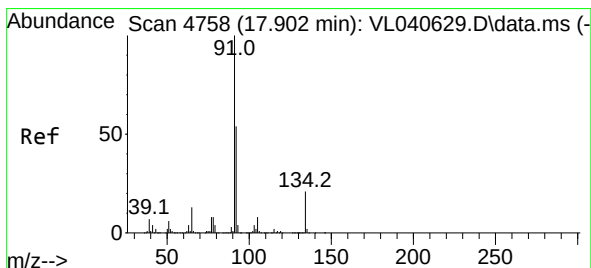
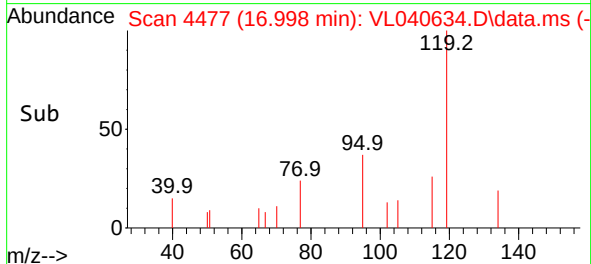
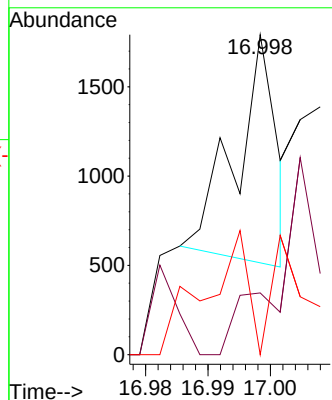
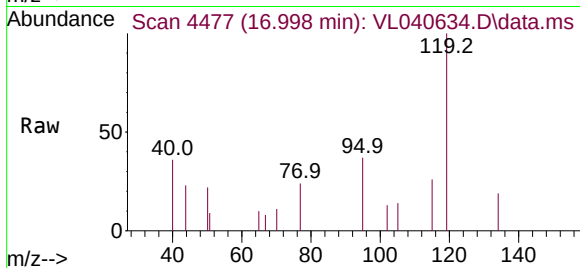




#69
p-Isopropyltoluene
Concen: 0.002 ppbv
RT: 16.998 min Scan# 4480
Delta R.T. -0.010 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

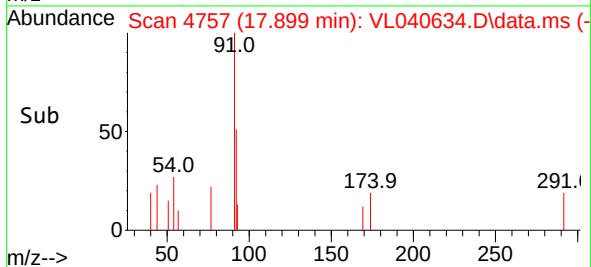
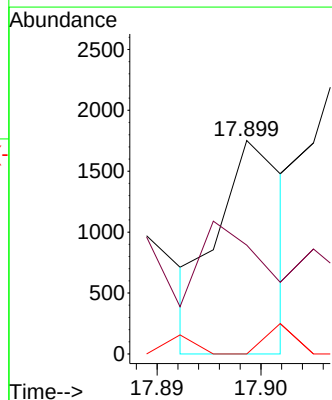
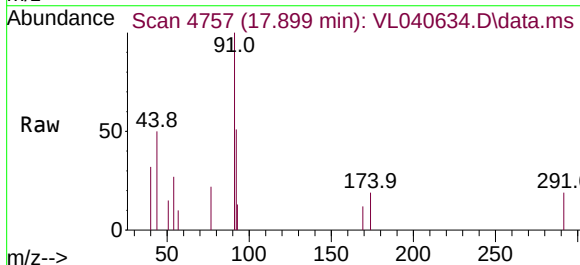
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

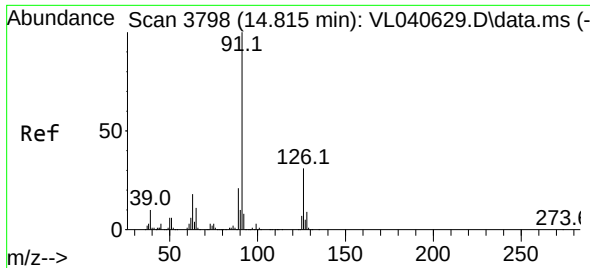
Tgt Ion:119 Resp: 569
Ion Ratio Lower Upper
119 100
134 265.6 20.2 30.4#
91 0.0 24.2 36.4#



#70
n-Butylbenzene
Concen: 0.002 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 91 Resp: 789
Ion Ratio Lower Upper
91 100
92 364.4 42.9 64.3#
134 0.0 17.0 25.6#

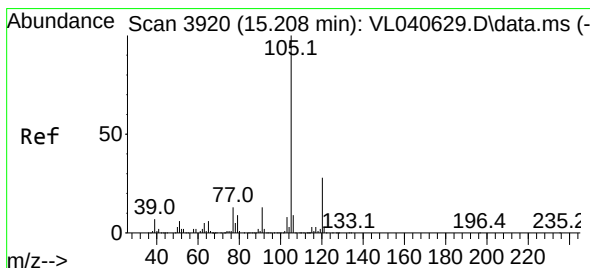
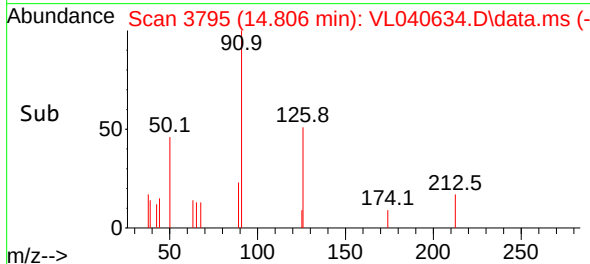
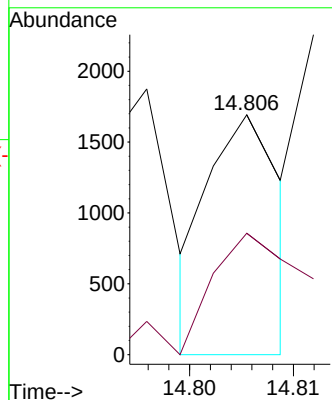
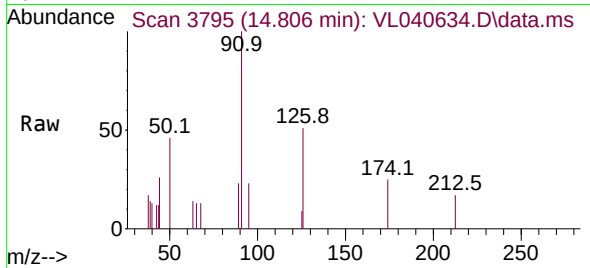




#71
2-Chlorotoluene
Concen: 0.003 ppbv
RT: 14.806 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

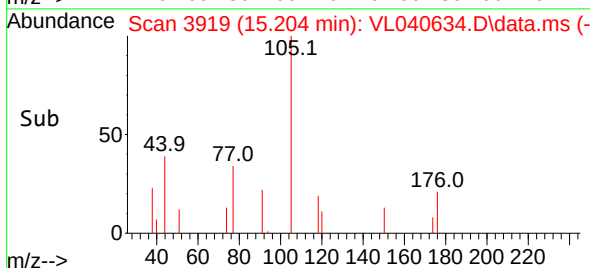
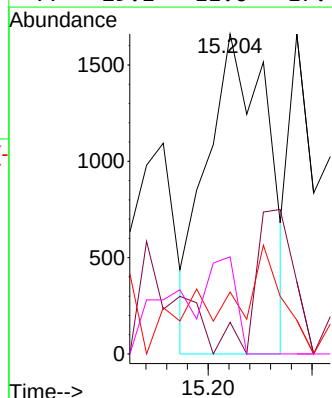
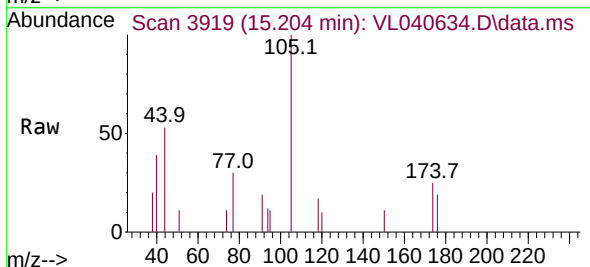
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

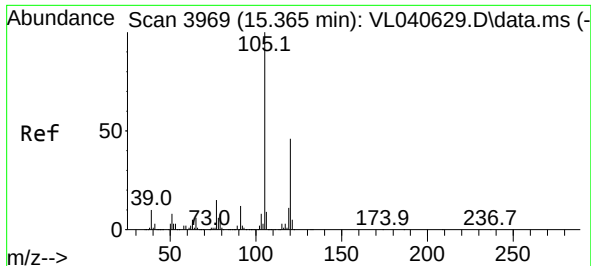
Tgt Ion: 91 Resp: 821
Ion Ratio Lower Upper
91 100
126 131.3 12.2 49.0#



#72
4-Ethyltoluene
Concen: 0.006 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion: 105 Resp: 1359
Ion Ratio Lower Upper
105 100
120 0.0 23.0 34.6#
91 0.0 10.9 16.3#
77 29.1 11.6 17.4#

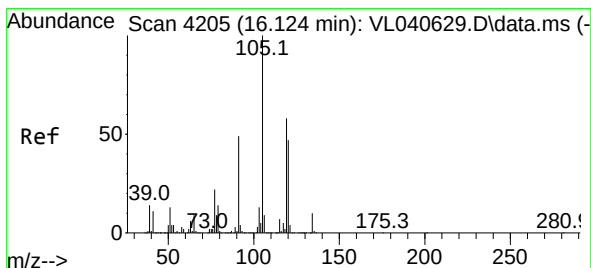
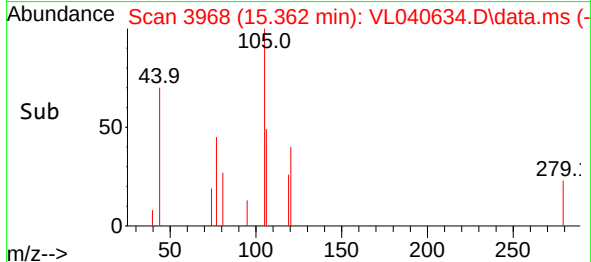
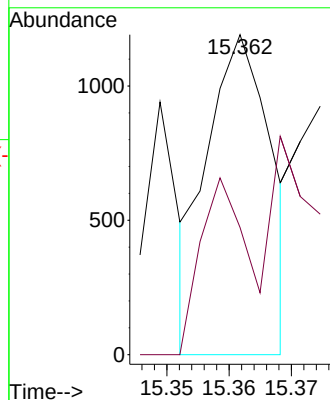
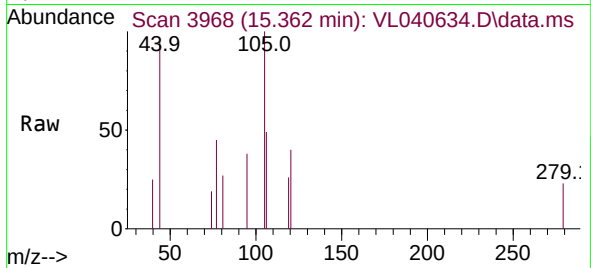




#73
1,3,5-Trimethylbenzene
Concen: 0.004 ppbv
RT: 15.362 min Scan# 3969
Delta R.T. -0.003 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

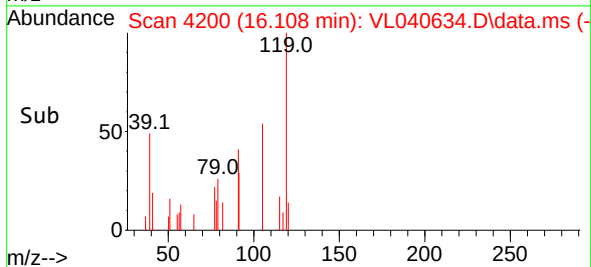
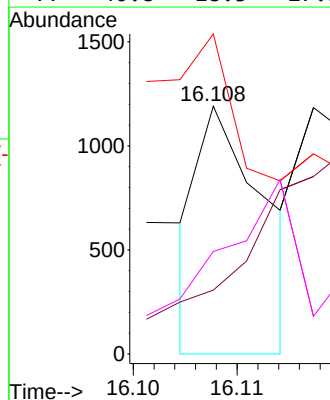
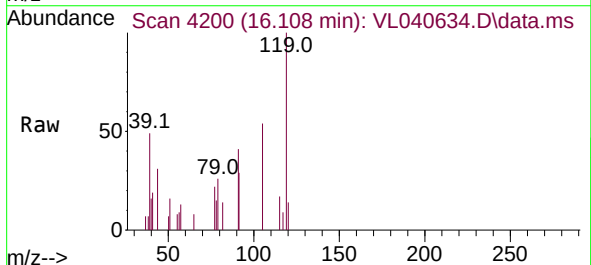
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

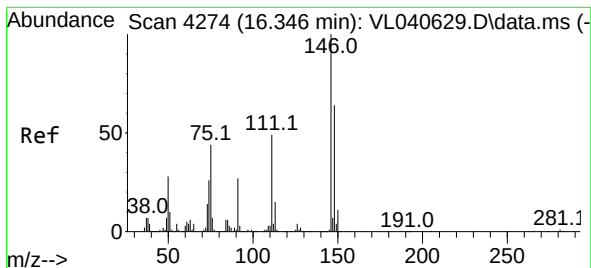
Tgt Ion:105 Resp: 847
Ion Ratio Lower Upper
105 100
120 67.8 36.5 54.7#



#74
1,2,4-Trimethylbenzene
Concen: 0.002 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.016 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion:105 Resp: 522
Ion Ratio Lower Upper
105 100
120 10.3 37.7 56.5#
91 125.8 41.2 61.8#
77 40.8 18.3 27.5#





#75

1,3-Dichlorobenzene

Concen: 0.013 ppbv

RT: 16.349 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

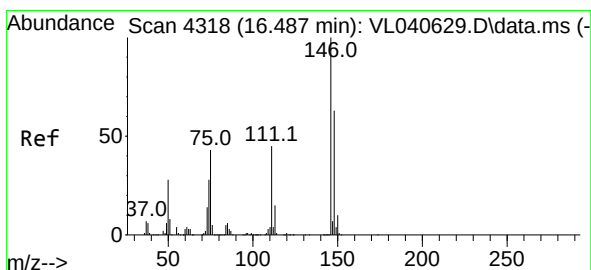
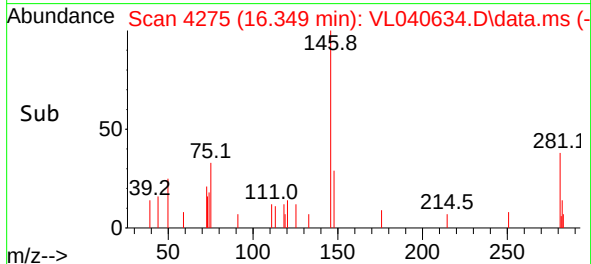
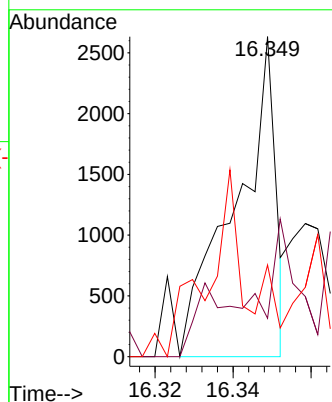
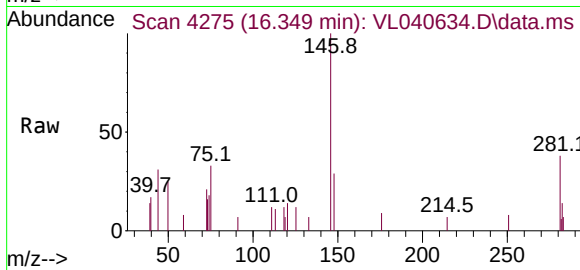
Tgt Ion:146 Resp: 1890

Ion Ratio Lower Upper

146 100

111 69.2 23.7 71.1

148 111.3 31.7 95.1#



#76

1,4-Dichlorobenzene

Concen: 0.003 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. -0.016 min

Lab File: VL040634.D

Acq: 15 Aug 2023 13:38

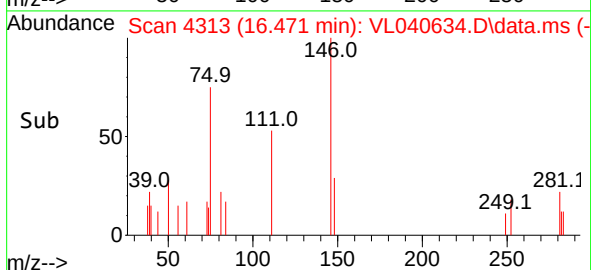
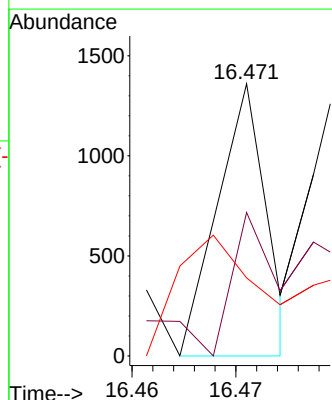
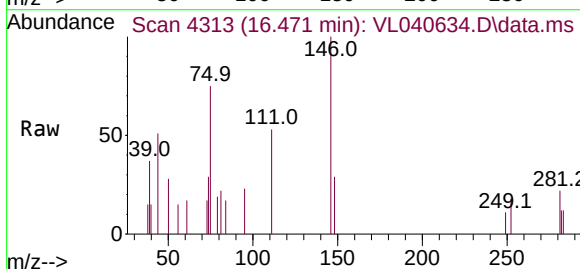
Tgt Ion:146 Resp: 451

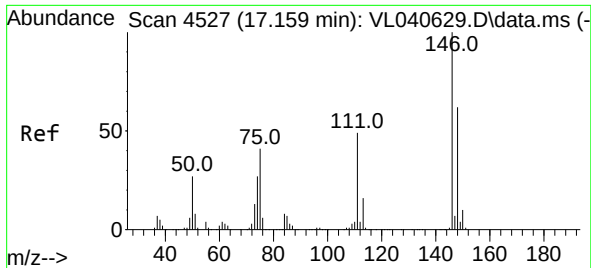
Ion Ratio Lower Upper

146 100

111 0.0 23.2 69.5#

148 0.0 32.5 97.5#

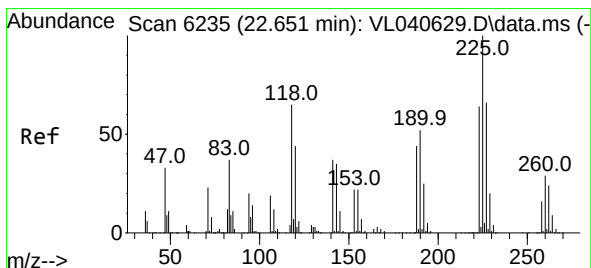
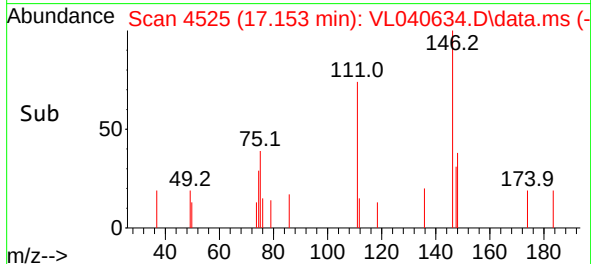
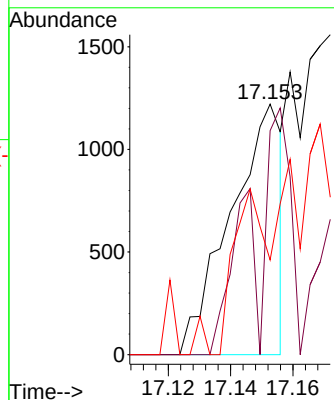
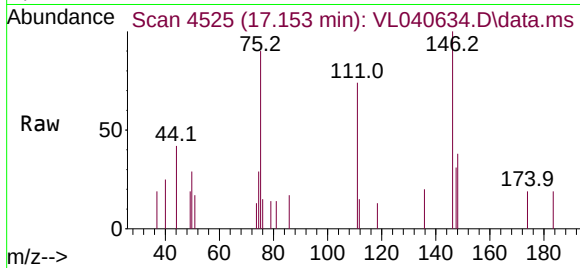




#77
1,2-Dichlorobenzene
Concen: 0.010 ppbv
RT: 17.153 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

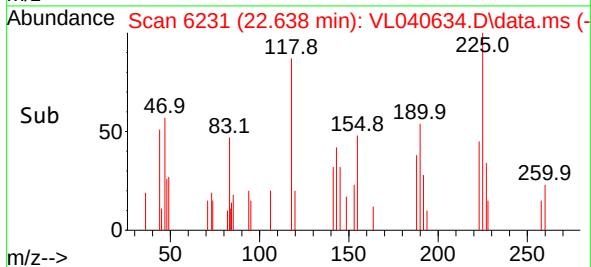
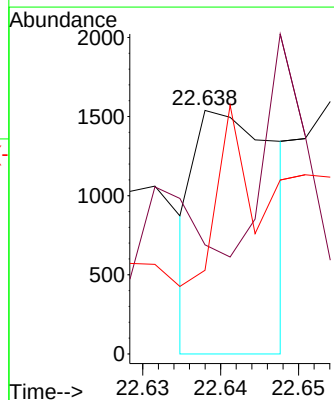
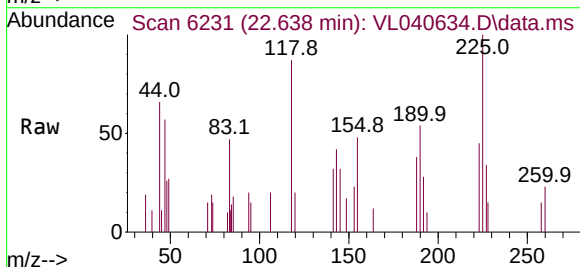
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

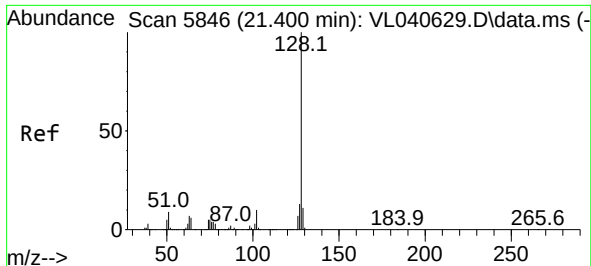
Tgt Ion:146 Resp: 1381
Ion Ratio Lower Upper
146 100
111 0.0 24.6 74.0#
148 0.0 32.1 96.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.010 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.013 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion:225 Resp: 1106
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 294.4 51.2 76.8#

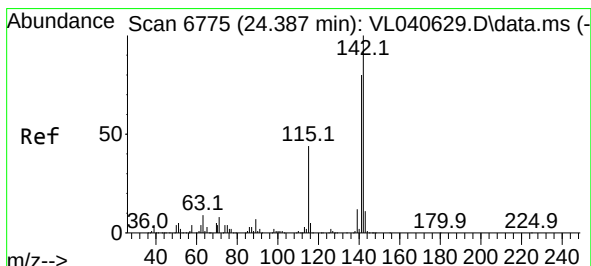
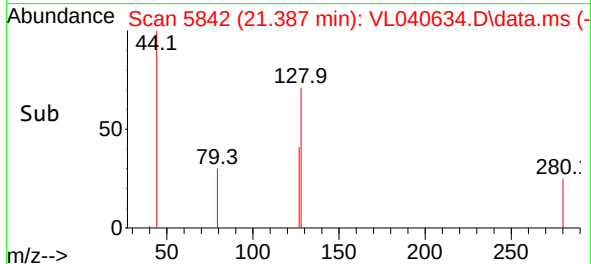
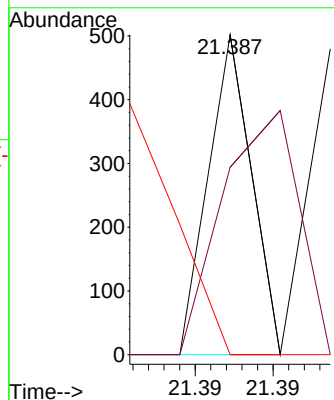
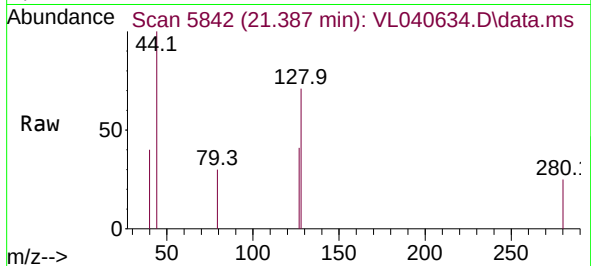




#79
Naphthalene
Concen: 0.001 ppbv
RT: 21.387 min Scan# 51
Delta R.T. -0.013 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

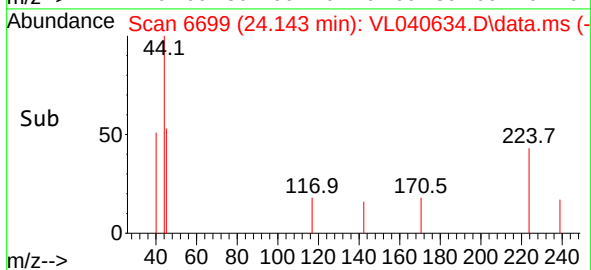
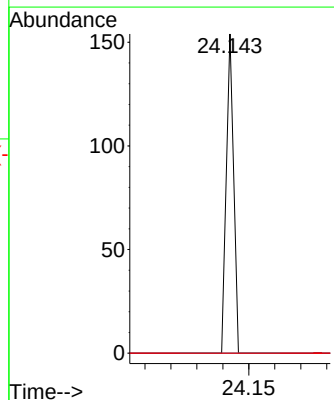
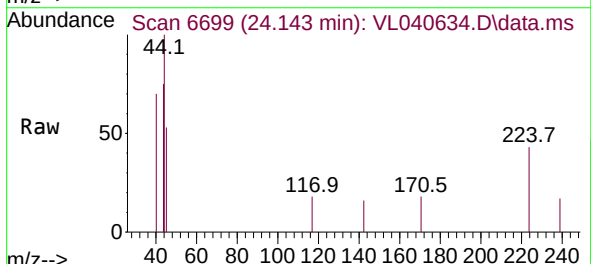
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

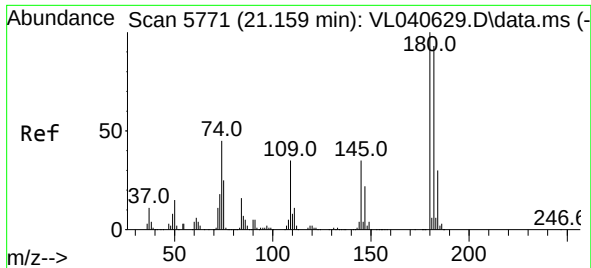
Tgt Ion:128 Resp: 97
Ion Ratio Lower Upper
128 100
127 58.6 10.1 15.1#
129 0.0 9.2 13.8#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.143 min Scan# 6699
Delta R.T. -0.244 min
Lab File: VL040634.D
Acq: 15 Aug 2023 13:38

Tgt Ion:142 Resp: 30
Ion Ratio Lower Upper
142 100
141 160.0 64.6 96.8#
115 0.0 33.7 50.5#





#81

1,2,4-Trichlorobenzene

Concen: 0.002 ppbv

RT: 21.149 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL040634.D

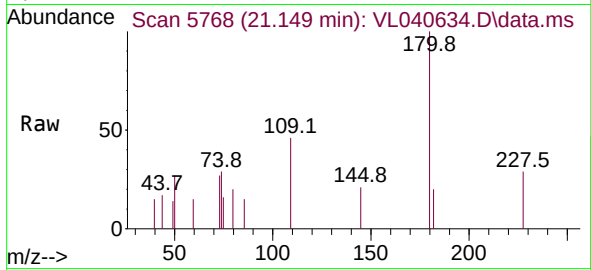
Acq: 15 Aug 2023 13:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion:180 Resp: 240

Ion Ratio Lower Upper

180 100

182 0.0 78.0 117.0#

184 0.0 24.6 36.8#

